

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Blended Gasoline

#### 1.2. Other means of identification

Synonyms : Regular Unleaded Gasoline / Premium Unleaded Gasoline / Unleaded Gasoline / Gasoline with Ethanol / Petrol / Motor Fuel

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Fuels

#### 1.4. Supplier's details

##### Distributor

Northville Industries  
225 Broadhollow Road  
Suite 212W  
New York, 11747  
USA  
T (631) 293-4700

#### 1.5. Emergency phone number

Emergency number : CHEMTREC 1-800-424-9300

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|                                                                                            |      |                                                                  |
|--------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|
| Flammable liquid, Category 2                                                               | H225 | Highly flammable liquid and vapor .                              |
| Skin corrosion/irritation, Category 2                                                      | H315 | Causes skin irritation .                                         |
| Serious eye damage/eye irritation, Category 2                                              | H319 | Causes serious eye irritation .                                  |
| Germ cell mutagenicity, Category 1B                                                        | H340 | May cause genetic defects.                                       |
| Carcinogenicity, Category 1A                                                               | H350 | May cause cancer.                                                |
| Reproductive toxicity, Category 2                                                          | H361 | Suspected of damaging fertility or the unborn child .            |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis                     | H336 | May cause drowsiness or dizziness .                              |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 | May cause respiratory irritation .                               |
| Specific target organ toxicity — Repeated exposure, Category 1                             | H372 | Causes damage to organs through prolonged or repeated exposure . |
| Aspiration hazard, Category 1                                                              | H304 | May be fatal if swallowed and enters airways .                   |
| Hazardous to the aquatic environment — Acute Hazard, Category 2                            | H401 | Toxic to aquatic life .                                          |
| Hazardous to the aquatic environment — Chronic Hazard, Category 2                          | H411 | Toxic to aquatic life with long lasting effects .                |

Full text of H statements : see section 16

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### 2.2. Label elements

#### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H225 - Highly flammable liquid and vapor .  
H304 - May be fatal if swallowed and enters airways .  
H315 - Causes skin irritation .  
H319 - Causes serious eye irritation .  
H335 - May cause respiratory irritation .  
H336 - May cause drowsiness or dizziness .  
H340 - May cause genetic defects.  
H350 - May cause cancer.  
H361 - Suspected of damaging fertility or the unborn child .  
H372 - Causes damage to organs through prolonged or repeated exposure .  
H401 - Toxic to aquatic life .  
H411 - Toxic to aquatic life with long lasting effects .

Precautionary statements (GHS US)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating, lighting equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe dust, fume, gas, mist, vapors, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves.  
P301+P310 - If swallowed: Immediately call a poison center or doctor.  
P302+P352 - If on skin: Wash with plenty of water.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a poison center or doctor if you feel unwell.  
P314 - Get medical advice or attention if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name     | Product identifier  | Conc.        | GHS US classification                                                                                                                                                                               |
|----------|---------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gasoline | CAS-No.: 86290-81-5 | ≥0 – ≤100    | Flam. Liq. 1, H224<br>Skin Irrit. 2, H315<br>Muta. 1B, H340<br>Carc. 1B, H350<br>Repr. 2, H361<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411          |
| Toluene  | CAS-No.: 108-88-3   | ≥ 0.1 – < 50 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304                                                                               |
| Xylene   | CAS-No.: 1330-20-7  | ≥ 0.1 – < 25 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| cumene   | CAS-No.: 98-82-8    | ≥ 0.1 – < 15 | Flam. Liq. 3, H226<br>Carc. 1B, H350<br>STOT SE 3, H335<br>Asp. Tox. 1, H304                                                                                                                        |
| Ethanol  | CAS-No.: 64-17-5    | ≥ 0.1 – < 10 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319                                                                                                                                                           |

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| Name                   | Product identifier  | Conc.            | GHS US classification                                                                                                                       |
|------------------------|---------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Benzene, trimethyl-    | CAS-No.: 25551-13-7 | $\geq 0.1 - < 5$ | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                 |
| 1,2,4-trimethylbenzene | CAS-No.: 95-63-6    | $\geq 0.1 - < 5$ | Flam. Liq. 3, H226<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335                |
| Ethylbenzene           | CAS-No.: 100-41-4   | $\geq 0.1 - < 5$ | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Carc. 2, H351<br>STOT RE 2, H373<br>Asp. Tox. 1, H304                       |
| Benzene                | CAS-No.: 71-43-2    | $\geq 0.1 - < 5$ | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Muta. 1B, H340<br>Carc. 1A, H350<br>STOT RE 1, H372<br>Asp. Tox. 1, H304 |
| n-hexane               | CAS-No.: 110-54-3   | $\geq 0.1 - < 5$ | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361<br>STOT SE 3, H336<br>STOT RE 1, H372<br>Asp. Tox. 1, H304                       |
| Cyclohexane            | CAS-No.: 110-82-7   | $\geq 0.1 - < 3$ | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304                                                           |
| naphthalene            | CAS-No.: 91-20-3    | $\geq 0.1 - < 1$ | Acute Tox. 4 (Oral), H302<br>Carc. 2, H351<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                              |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

|                                       |                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Call a physician immediately.                                                                                                                                                  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.                                                       |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.                                  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |

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|-----------------------------------------------|-----------------------------------------------------------------------------------|
| First-aid measures after ingestion            | : Do not induce vomiting. Call a physician immediately.                           |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Symptoms/effects                    | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation   | : May cause respiratory irritation.  |
| Symptoms/effects after skin contact | : Irritation.                        |
| Symptoms/effects after eye contact  | : Eye irritation.                    |
| Symptoms/effects after ingestion    | : Risk of lung edema.                |

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

|                                   |                          |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Specific hazards arising from the chemical

|                                                  |                                      |
|--------------------------------------------------|--------------------------------------|
| Fire hazard                                      | : Highly flammable liquid and vapor. |
| Explosion hazard                                 | : No direct explosion hazard.        |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.       |

### 5.3. Special protective equipment and precautions for fire-fighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

#### For non-emergency personnel

|                      |                                                                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                                                                                                |
| Emergency procedures | : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray. |

#### For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.                                                                                               |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Environmental precautions | : Avoid release to the environment. Notify authorities if product enters sewers or public waters. |
|---------------------------|---------------------------------------------------------------------------------------------------|

### 6.2. Methods and materials for containment and cleaning up

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.                                               |

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Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 7.2. Conditions for safe storage, including incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Packaging materials : Always store product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

| Gasoline (86290-81-5)                      |                                                                                                                     |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                     |
| Local name                                 | Gasoline                                                                                                            |
| ACGIH® TLV® TWA                            | 890 mg/m <sup>3</sup>                                                                                               |
|                                            | 300 ppm                                                                                                             |
| ACGIH® TLV® STEL                           | 1480 mg/m <sup>3</sup>                                                                                              |
|                                            | 500 ppm                                                                                                             |
| Remark (ACGIH®)                            | TLV® Basis: URT & eye irr; CNS impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| ACGIH® chemical category                   | Confirmed Animal Carcinogen with Unknown Relevance to Humans                                                        |
| Regulatory reference                       | ACGIH 2025                                                                                                          |
| Toluene (108-88-3)                         |                                                                                                                     |
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                     |
| Local name                                 | Toluene                                                                                                             |
| ACGIH® TLV® TWA                            | 20 ppm                                                                                                              |

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|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Toluene (108-88-3)</b>                                                            |                                                                                                                                                                                                                                                                                                                                                                                          |
| Remark (ACGIH®)                                                                      | TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss.<br>Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI                                                                                                                                                                                                                     |
| ACGIH® chemical category                                                             | Not Classifiable as a Human Carcinogen                                                                                                                                                                                                                                                                                                                                                   |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                               |
| <b>USA - ACGIH - Biological Exposure Indices</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                                                           | Toluene                                                                                                                                                                                                                                                                                                                                                                                  |
| BEI (BLV)                                                                            | 0.3 mg/g Kreatinin Parameter: o-Cresol - Medium: urine - Sampling time: End of shift -<br>Notations: B<br>0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: Prior to last shift of workweek<br>0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: End of shift                                                                                                    |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                               |
| <b>USA - OSHA - Occupational Exposure Limits</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                                                           | Toluene                                                                                                                                                                                                                                                                                                                                                                                  |
| OSHA PEL TWA                                                                         | 200 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| OSHA PEL (Ceiling)                                                                   | 300 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 500 ppm 10 mins.                                                                                                                                                                                                                                                                                                                                                                         |
| Regulatory reference (US-OSHA)                                                       | OSHA Annotated Table Z-2                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Xylene (1330-20-7)</b>                                                            |                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>USA - ACGIH - Occupational Exposure Limits</b>                                    |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                                                           | Xylene, mixed isomers (Dimethylbenzene)                                                                                                                                                                                                                                                                                                                                                  |
| ACGIH® TLV® TWA                                                                      | 20 ppm                                                                                                                                                                                                                                                                                                                                                                                   |
| Remark (ACGIH®)                                                                      | TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI                                                                                                                                                                                                                |
| ACGIH® chemical category                                                             | Not Classifiable as a Human Carcinogen                                                                                                                                                                                                                                                                                                                                                   |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                               |
| <b>USA - ACGIH - Biological Exposure Indices</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                                                           | Xylene, all isomers (Dimethylbenzene)                                                                                                                                                                                                                                                                                                                                                    |
| BEI (BLV)                                                                            | 0.3 g/g Kreatinin Parameter: total of all isomers of Methylhippuric acids - Medium: urine -<br>Sampling time: end of shift (technical or commercial grades)                                                                                                                                                                                                                              |
| Remark                                                                               | Commercial or technical grade xylenes consist of mixtures of isomers and significant amounts of ethyl benzene as indicated under "Properties." Because ethyl benzene is known to reduce the metabolism of xylenes to methylhippuric acids, the BEI applies to technical or commercial grades of xylenes only. The determinants refer to the total of all isomers of methylhippuric acids |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                               |
| <b>USA - OSHA - Occupational Exposure Limits</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                                                           | Xylenes (o-, m-, p-isomers)                                                                                                                                                                                                                                                                                                                                                              |
| OSHA PEL TWA                                                                         | 435 mg/m³                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                      | 100 ppm                                                                                                                                                                                                                                                                                                                                                                                  |

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| <b>Xylene (1330-20-7)</b>                         |                                                                                                                                 |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                                                                                        |
| <b>Cyclohexane (110-82-7)</b>                     |                                                                                                                                 |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                                                 |
| Local name                                        | Cyclohexane                                                                                                                     |
| ACGIH® TLV® TWA                                   | 100 ppm                                                                                                                         |
| Remark (ACGIH®)                                   | TLV® Basis: CNS impair; Eye & URT irr. Notations: BEI                                                                           |
| Regulatory reference                              | ACGIH 2025                                                                                                                      |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |                                                                                                                                 |
| Local name                                        | Cyclohexane                                                                                                                     |
| BEI (BLV)                                         | 50 mg/g Kreatinin Parameter: 1,2-Cyclohexanediol - Medium: urine - Sampling time: end of shift at end of workweek (nonspecific) |
| Regulatory reference                              | ACGIH 2025                                                                                                                      |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |                                                                                                                                 |
| Local name                                        | Cyclohexane                                                                                                                     |
| OSHA PEL TWA                                      | 1050 mg/m³                                                                                                                      |
|                                                   | 300 ppm                                                                                                                         |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                                                                                        |
| <b>USA - IDLH - Occupational Exposure Limits</b>  |                                                                                                                                 |
| IDLH                                              | 1300 ppm (10% LEL)                                                                                                              |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |                                                                                                                                 |
| NIOSH REL (TWA)                                   | 1050 mg/m³                                                                                                                      |
|                                                   | 300 ppm                                                                                                                         |
| <b>Benzene, trimethyl- (25551-13-7)</b>           |                                                                                                                                 |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                                                 |
| Local name                                        | Trimethyl benzene, mixed isomers                                                                                                |
| ACGIH® TLV® TWA                                   | 10 ppm                                                                                                                          |
| Remark (ACGIH®)                                   | TLV® Basis: CNS impair; Hematologic eff                                                                                         |
| Regulatory reference                              | ACGIH 2025                                                                                                                      |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>           |                                                                                                                                 |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                                                 |
| Local name                                        | 1,2,4-Trimethyl benzene                                                                                                         |
| ACGIH® TLV® TWA                                   | 10 ppm (Trimethylbenzene, isomers)                                                                                              |
| Remark (ACGIH®)                                   | TLV® Basis: CNS impair; Hematologic eff                                                                                         |
| ACGIH® chemical category                          | Not Classifiable as a Human Carcinogen                                                                                          |
| Regulatory reference                              | ACGIH 2025                                                                                                                      |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |                                                                                                                                 |
| NIOSH REL (TWA)                                   | 125 mg/m³                                                                                                                       |

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|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1,2,4-trimethylbenzene (95-63-6)</b>           |                                                                                                                                                                      |
|                                                   | 25 ppm                                                                                                                                                               |
| <b>Ethylbenzene (100-41-4)</b>                    |                                                                                                                                                                      |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                                                                                      |
| Local name                                        | Ethyl benzene                                                                                                                                                        |
| ACGIH® TLV® TWA                                   | 20 ppm                                                                                                                                                               |
| Remark (ACGIH®)                                   | TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| ACGIH® chemical category                          | Confirmed Animal Carcinogen with Unknown Relevance to Humans                                                                                                         |
| Regulatory reference                              | ACGIH 2025                                                                                                                                                           |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |                                                                                                                                                                      |
| Local name                                        | Ethyl benzene                                                                                                                                                        |
| BEI (BLV)                                         | 150 mg/g Kreatinin Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine<br>- Sampling time: end of shift (nonspecific)                           |
| Regulatory reference                              | ACGIH 2025                                                                                                                                                           |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |                                                                                                                                                                      |
| Local name                                        | Ethyl benzene                                                                                                                                                        |
| OSHA PEL TWA                                      | 435 mg/m³<br>100 ppm                                                                                                                                                 |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                                                                                                                             |
| <b>USA - IDLH - Occupational Exposure Limits</b>  |                                                                                                                                                                      |
| IDLH                                              | 800 ppm (10% LEL)                                                                                                                                                    |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |                                                                                                                                                                      |
| NIOSH REL (TWA)                                   | 435 mg/m³<br>100 ppm                                                                                                                                                 |
| NIOSH REL (STEL)                                  | 545 mg/m³<br>125 ppm                                                                                                                                                 |
| <b>Benzene (71-43-2)</b>                          |                                                                                                                                                                      |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                                                                                      |
| Local name                                        | Benzene                                                                                                                                                              |
| ACGIH® TLV® TWA                                   | 0.02 ppm                                                                                                                                                             |
| Remark (ACGIH®)                                   | TLV® Basis: Myelodysplastic syndrome; acute myeloid leukemia; leukemia; hematologic eff; chromosomal dam. Notations: Skin; A1 (Confirmed Human Carcinogen); BEI      |
| ACGIH® chemical category                          | Confirmed Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route                                                     |
| Regulatory reference                              | ACGIH 2025                                                                                                                                                           |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |                                                                                                                                                                      |
| Local name                                        | Benzene                                                                                                                                                              |

# Blended Gasoline

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| Benzene (71-43-2)                                                                    |                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BEI (BLV)                                                                            | 25 µg/g Kreatinin Parameter: S-Phenylmercapturic acid - Medium: urine - Sampling time: end of shift (background)<br>500 µg/g Kreatinin Parameter: t,t-Muconic acid - Medium: urine - Sampling time: end of shift (background) |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                    |
| USA - OSHA - Occupational Exposure Limits                                            |                                                                                                                                                                                                                               |
| Local name                                                                           | Benzene                                                                                                                                                                                                                       |
| OSHA PEL TWA                                                                         | 10 ppm                                                                                                                                                                                                                        |
| OSHA PEL STEL                                                                        | 5 ppm (see 29 CFR 1910.1028)                                                                                                                                                                                                  |
| OSHA PEL (Ceiling)                                                                   | 25 ppm                                                                                                                                                                                                                        |
| Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 50 ppm 10 mins.                                                                                                                                                                                                               |
| Regulatory reference (US-OSHA)                                                       | OSHA Annotated Table Z-2                                                                                                                                                                                                      |
| USA - IDLH - Occupational Exposure Limits                                            |                                                                                                                                                                                                                               |
| IDLH                                                                                 | 500 ppm                                                                                                                                                                                                                       |
| USA - NIOSH - Occupational Exposure Limits                                           |                                                                                                                                                                                                                               |
| NIOSH REL (TWA)                                                                      | 0.1 ppm                                                                                                                                                                                                                       |
| NIOSH REL (STEL)                                                                     | 1 ppm                                                                                                                                                                                                                         |
| cumene (98-82-8)                                                                     |                                                                                                                                                                                                                               |
| USA - ACGIH - Occupational Exposure Limits                                           |                                                                                                                                                                                                                               |
| Local name                                                                           | Cumene                                                                                                                                                                                                                        |
| ACGIH® TLV® TWA                                                                      | 25 mg/m³                                                                                                                                                                                                                      |
|                                                                                      | 5 ppm                                                                                                                                                                                                                         |
| Remark (ACGIH®)                                                                      | TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)                                                                                                       |
| ACGIH® chemical category                                                             | Confirmed Animal Carcinogen with Unknown Relevance to Humans                                                                                                                                                                  |
| Regulatory reference                                                                 | ACGIH 2025                                                                                                                                                                                                                    |
| USA - OSHA - Occupational Exposure Limits                                            |                                                                                                                                                                                                                               |
| Local name                                                                           | Cumene                                                                                                                                                                                                                        |
| OSHA PEL TWA                                                                         | 245 mg/m³                                                                                                                                                                                                                     |
|                                                                                      | 50 ppm                                                                                                                                                                                                                        |
| Limit value category (OSHA)                                                          | prevent or reduce skin absorption                                                                                                                                                                                             |
| Regulatory reference (US-OSHA)                                                       | OSHA Annotated Table Z-1                                                                                                                                                                                                      |
| USA - IDLH - Occupational Exposure Limits                                            |                                                                                                                                                                                                                               |
| IDLH                                                                                 | 900 ppm (10% LEL)                                                                                                                                                                                                             |
| USA - NIOSH - Occupational Exposure Limits                                           |                                                                                                                                                                                                                               |
| NIOSH REL (TWA)                                                                      | 245 mg/m³                                                                                                                                                                                                                     |
|                                                                                      | 50 ppm                                                                                                                                                                                                                        |
| US-NIOSH chemical category                                                           | Potential for dermal absorption                                                                                                                                                                                               |

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| Ethanol (64-17-5)                             |                                                                                                                                                    |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits    |                                                                                                                                                    |
| Local name                                    | Ethanol                                                                                                                                            |
| ACGIH® TLV® STEL                              | 1880 mg/m³                                                                                                                                         |
|                                               | 1000 ppm                                                                                                                                           |
| Remark (ACGIH®)                               | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)                                                  |
| Regulatory reference                          | ACGIH 2025                                                                                                                                         |
| USA - OSHA - Occupational Exposure Limits     |                                                                                                                                                    |
| Local name                                    | Ethyl alcohol (Ethanol)                                                                                                                            |
| OSHA PEL TWA                                  | 1900 mg/m³                                                                                                                                         |
|                                               | 1000 ppm                                                                                                                                           |
| Regulatory reference (US-OSHA)                | OSHA Annotated Table Z-1                                                                                                                           |
| USA - Cal/OSHA - Occupational Exposure Limits |                                                                                                                                                    |
| Local name                                    | Ethyl alcohol; ethanol                                                                                                                             |
| Cal/OSHA PEL (OEL TWA)                        | 1900 mg/m³                                                                                                                                         |
|                                               | 1000 ppm                                                                                                                                           |
| Regulatory reference                          | California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)               |
| USA - NIOSH - Occupational Exposure Limits    |                                                                                                                                                    |
| Local name                                    | Ethyl alcohol (Ethanol)                                                                                                                            |
| NIOSH REL 10h TWA                             | 1000 ppm                                                                                                                                           |
| Regulatory reference (US-NIOSH)               | OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))                                                                            |
| naphthalene (91-20-3)                         |                                                                                                                                                    |
| USA - ACGIH - Occupational Exposure Limits    |                                                                                                                                                    |
| Local name                                    | Naphthalene                                                                                                                                        |
| ACGIH® TLV® TWA                               | 52 mg/m³                                                                                                                                           |
|                                               | 10 ppm                                                                                                                                             |
| Remark (ACGIH®)                               | TLV® Basis: URT irr; Cataracts; Hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI          |
| ACGIH® chemical category                      | Confirmed Animal Carcinogen with Unknown Relevance to Humans, Skin - potential significant contribution to overall exposure by the cutaneous route |
| Regulatory reference                          | ACGIH 2025                                                                                                                                         |
| USA - ACGIH - Biological Exposure Indices     |                                                                                                                                                    |
| Local name                                    | Naphthalene                                                                                                                                        |
| BEI (BLV)                                     | Parameter: 1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis - Sampling time: end of shift (nonquantitative, nonspecific)                 |
| Regulatory reference                          | ACGIH 2025                                                                                                                                         |

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|                                                   |                                                                                                      |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>naphthalene (91-20-3)</b>                      |                                                                                                      |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |                                                                                                      |
| Local name                                        | Naphthalene                                                                                          |
| OSHA PEL TWA                                      | 50 mg/m <sup>3</sup>                                                                                 |
|                                                   | 10 ppm                                                                                               |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                                                             |
| <b>USA - IDLH - Occupational Exposure Limits</b>  |                                                                                                      |
| IDLH                                              | 250 ppm                                                                                              |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |                                                                                                      |
| NIOSH REL (TWA)                                   | 50 mg/m <sup>3</sup>                                                                                 |
|                                                   | 10 ppm                                                                                               |
| NIOSH REL (STEL)                                  | 75 mg/m <sup>3</sup>                                                                                 |
|                                                   | 15 ppm                                                                                               |
| <b>n-hexane (110-54-3)</b>                        |                                                                                                      |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |                                                                                                      |
| Local name                                        | n-Hexane                                                                                             |
| ACGIH® TLV® TWA                                   | 176 mg/m <sup>3</sup>                                                                                |
|                                                   | 50 ppm                                                                                               |
| Remark (ACGIH®)                                   | TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI                   |
| ACGIH® chemical category                          | Skin - potential significant contribution to overall exposure by the cutaneous route                 |
| Regulatory reference                              | ACGIH 2025                                                                                           |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |                                                                                                      |
| Local name                                        | n-Hexane                                                                                             |
| BEI (BLV)                                         | 0.5 mg/l Parameter: 2,5-Hexanedione without hydrolysis - Medium: urine - Sampling time: end of shift |
| Regulatory reference                              | ACGIH 2025                                                                                           |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |                                                                                                      |
| Local name                                        | n-Hexane                                                                                             |
| OSHA PEL TWA                                      | 1800 mg/m <sup>3</sup>                                                                               |
|                                                   | 500 ppm                                                                                              |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                                                             |
| <b>USA - IDLH - Occupational Exposure Limits</b>  |                                                                                                      |
| IDLH                                              | 1100 ppm (10% LEL)                                                                                   |
| <b>USA - NIOSH - Occupational Exposure Limits</b> |                                                                                                      |
| NIOSH REL (TWA)                                   | 180 mg/m <sup>3</sup>                                                                                |
|                                                   | 50 ppm                                                                                               |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

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Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

|                                                                  |
|------------------------------------------------------------------|
| <b>Hand protection:</b>                                          |
| Protective gloves                                                |
| <b>Eye protection:</b>                                           |
| Safety glasses                                                   |
| <b>Skin and body protection:</b>                                 |
| Wear suitable protective clothing                                |
| <b>Respiratory protection:</b>                                   |
| [In case of inadequate ventilation] wear respiratory protection. |

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| Physical state                                  | : Liquid                                |
| Appearance                                      | : Liquid.                               |
| Color                                           | : clear amber                           |
| Odor                                            | : Gasoline                              |
| Odor threshold                                  | : No data available                     |
| pH                                              | : No data available                     |
| Melting point                                   | : -150 °F                               |
| Freezing point                                  | : No data available                     |
| Boiling point                                   | : 20 – 227 °C                           |
| Flash point                                     | : ≤ -40 °C                              |
| Relative evaporation rate (butyl acetate=1)     | : > 1                                   |
| Flammability (solid, gas)                       | : Extremely flammable liquid and vapor. |
| Vapor pressure                                  | : 330 – 775 mm Hg (37.8 °C / 100 °F)    |
| Relative vapor density at 20°C                  | : > 1                                   |
| Relative density                                | : No data available                     |
| Solubility                                      | : Negligible.                           |
| Partition coefficient n-octanol/water (Log Pow) | : 2 – 7                                 |
| Auto-ignition temperature                       | : > 250 °C                              |
| Decomposition temperature                       | : No data available                     |
| Viscosity, kinematic                            | : 0.64 – 1.4 mm²/s                      |
| Explosion limits                                | : No data available                     |
| Particle characteristics                        | : No data available                     |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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### SECTION 10 Stability and reactivity

#### 10.1. Reactivity

Highly flammable liquid and vapor.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| Gasoline (86290-81-5)  |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat          | > 5000 mg/kg body weight (OECD 401 method)                                                                            |
| LD50 dermal rabbit     | > 5000 mg/kg body weight No mortalities were reported during the study period; Data source: ECHA registration dossier |
| LC50 Inhalation - Rat  | > 5610 mg/m <sup>3</sup>                                                                                              |
| Toluene (108-88-3)     |                                                                                                                       |
| LD50 oral rat          | > 5000 mg/kg body weight Data source: ECHA registration dossier (Test method EU B.1 (bis))                            |
| LD50 dermal rabbit     | > 5000 mg/kg body weight Data source: ECHA registration dossier                                                       |
| LC50 Inhalation - Rat  | > 20 mg/l/4h Data source: ECHA registration dossier (OECD 203 method)                                                 |
| Xylene (1330-20-7)     |                                                                                                                       |
| LD50 oral rat          | 5521 – 5627 mg/kg body weight Test method EU B.1 (bis); Data source: ECHA registration dossier                        |
| ATE US (oral)          | 5521 mg/kg body weight                                                                                                |
| ATE US (dermal)        | 1100 mg/kg body weight                                                                                                |
| ATE US (vapors)        | 11 mg/l/4h                                                                                                            |
| Cyclohexane (110-82-7) |                                                                                                                       |
| LD50 oral rat          | > 5000 mg/kg body weight (OECD 401 method)                                                                            |
| LD50 oral              | > 5000 mg/kg body weight                                                                                              |

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|                                         |                                                                                                                                                                       |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cyclohexane (110-82-7)</b>           |                                                                                                                                                                       |
| LD50 dermal rabbit                      | > 2000 mg/kg body weight (OECD 402 method)                                                                                                                            |
| LC50 Inhalation - Rat                   | > 32.88 mg/l air (OECD 403 method)                                                                                                                                    |
| <b>Benzene, trimethyl- (25551-13-7)</b> |                                                                                                                                                                       |
| LD50 oral rat                           | 8970 mg/kg                                                                                                                                                            |
| ATE US (oral)                           | 500 mg/kg body weight                                                                                                                                                 |
| ATE US (dermal)                         | 1100 mg/kg body weight                                                                                                                                                |
| <b>1,2,4-trimethylbenzene (95-63-6)</b> |                                                                                                                                                                       |
| LD50 oral rat                           | 6000 mg/kg body weight                                                                                                                                                |
| LD50 dermal rat                         | > 5000 mg/kg                                                                                                                                                          |
| LD50 dermal rabbit                      | > 3440 mg/kg body weight                                                                                                                                              |
| LC50 Inhalation - Rat                   | > 10200 mg/m <sup>3</sup>                                                                                                                                             |
| ATE US (oral)                           | 6000 mg/kg body weight                                                                                                                                                |
| ATE US (vapors)                         | 11 mg/l/4h                                                                                                                                                            |
| <b>Ethylbenzene (100-41-4)</b>          |                                                                                                                                                                       |
| LD50 oral rat                           | 3500 mg/kg Data source: ECHA registration dossier                                                                                                                     |
| LD50 dermal rabbit                      | 15432 mg/kg body weight Data source: ECHA registration dossier                                                                                                        |
| LC50 Inhalation - Rat (Vapors)          | 17.8 mg/l/4h Data source: ECHA registration dossier                                                                                                                   |
| ATE US (oral)                           | 3500 mg/kg body weight                                                                                                                                                |
| ATE US (dermal)                         | 15432 mg/kg body weight                                                                                                                                               |
| ATE US (vapors)                         | 17.8 mg/l/4h                                                                                                                                                          |
| <b>Benzene (71-43-2)</b>                |                                                                                                                                                                       |
| LD50 oral rat                           | > 5000 mg/kg body weight Neither mortality nor clinical signs of toxicity were observed with the given dose. Data source: ECHA registration dossier (OECD 401 method) |
| LD50 dermal rabbit                      | > 8260 mg/kg Data source: ECHA registration dossier (Method: 21 CFR 191.10)                                                                                           |
| LC50 Inhalation - Rat (Vapors)          | 43.767 mg/l/4h (OECD 403 method)                                                                                                                                      |
| ATE US (vapors)                         | 43.767 mg/l/4h                                                                                                                                                        |
| <b>cumene (98-82-8)</b>                 |                                                                                                                                                                       |
| LD50 oral rat                           | 2260 mg/kg body weight Data source: ECHA registration dossier                                                                                                         |
| LD50 dermal rabbit                      | > 3160 mg/kg body weight Data source: ECHA registration dossier                                                                                                       |
| LC50 Inhalation - Rat                   | > 17.6 mg/l Data source: ECHA registration dossier                                                                                                                    |
| <b>Ethanol (64-17-5)</b>                |                                                                                                                                                                       |
| LD50 oral rat                           | 10470 mg/kg body weight Data source: ECHA registration dossier (OECD 401 method)                                                                                      |
| LC50 Inhalation - Rat                   | 124.7 (116.9 – 133.8) mg/l/4h (OECD 403 method)                                                                                                                       |
| <b>naphthalene (91-20-3)</b>            |                                                                                                                                                                       |
| LD50 oral rat                           | 533 mg/kg                                                                                                                                                             |
| LD50 oral                               | 533 mg/kg (OECD 401 method); Data source: ECHA registration dossier                                                                                                   |

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|                                                |                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>naphthalene (91-20-3)</b>                   |                                                                                                                             |
| LD50 dermal rat                                | > 16000 mg/kg body weight (OECD 402 method); Data source: ECHA registration dossier                                         |
| LC50 Inhalation - Rat (Vapors)                 | > 0.4 mg/l (OECD 403 method); Data source: ECHA registration dossier                                                        |
| ATE US (oral)                                  | 533 mg/kg body weight                                                                                                       |
| <b>n-hexane (110-54-3)</b>                     |                                                                                                                             |
| LD50 oral rat                                  | 16000 mg/kg (OECD 401 method); Data source: ECHA registration dossier                                                       |
| LD50 dermal rabbit                             | > 5000 mg/kg No mortalities were reported during the study period,(OECD 402 method), Data source: ECHA registration dossier |
| LC50 Inhalation - Rat (Vapors)                 | > 20 mg/l/4h Data source: ECHA registration dossier                                                                         |
| ATE US (oral)                                  | 16000 mg/kg body weight                                                                                                     |
| Skin corrosion/irritation                      | : Causes skin irritation .                                                                                                  |
| Serious eye damage/irritation                  | : Causes serious eye irritation .                                                                                           |
| Respiratory or skin sensitization              | : Not classified                                                                                                            |
| Germ cell mutagenicity                         | : May cause genetic defects.                                                                                                |
| Carcinogenicity                                | : May cause cancer.                                                                                                         |
| <b>Gasoline (86290-81-5)</b>                   |                                                                                                                             |
| IARC group                                     | 2B - Possibly carcinogenic to humans                                                                                        |
| In OSHA Hazard Communication Carcinogen list   | Yes                                                                                                                         |
| <b>Toluene (108-88-3)</b>                      |                                                                                                                             |
| IARC group                                     | 3 - Not classifiable                                                                                                        |
| <b>Xylene (1330-20-7)</b>                      |                                                                                                                             |
| IARC group                                     | 3 - Not classifiable                                                                                                        |
| <b>Ethylbenzene (100-41-4)</b>                 |                                                                                                                             |
| IARC group                                     | 2B - Possibly carcinogenic to humans                                                                                        |
| National Toxicity Program (NTP) Status         | Evidence of Carcinogenicity                                                                                                 |
| In OSHA Hazard Communication Carcinogen list   | Yes                                                                                                                         |
| <b>Benzene (71-43-2)</b>                       |                                                                                                                             |
| IARC group                                     | 1 - Carcinogenic to humans                                                                                                  |
| National Toxicity Program (NTP) Status         | Known Human Carcinogens, Evidence of Carcinogenicity                                                                        |
| In OSHA Hazard Communication Carcinogen list   | Yes                                                                                                                         |
| In OSHA Specifically Regulated Carcinogen list | Yes                                                                                                                         |
| <b>cumene (98-82-8)</b>                        |                                                                                                                             |
| IARC group                                     | 2B - Possibly carcinogenic to humans                                                                                        |
| National Toxicity Program (NTP) Status         | Reasonably anticipated to be Human Carcinogen, Evidence of Carcinogenicity                                                  |
| In OSHA Hazard Communication Carcinogen list   | Yes                                                                                                                         |
| <b>Ethanol (64-17-5)</b>                       |                                                                                                                             |
| IARC group                                     | 1 - Carcinogenic to humans                                                                                                  |

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|                                              |                                                                            |
|----------------------------------------------|----------------------------------------------------------------------------|
| <b>naphthalene (91-20-3)</b>                 |                                                                            |
| IARC group                                   | 2B - Possibly carcinogenic to humans                                       |
| National Toxicity Program (NTP) Status       | Reasonably anticipated to be Human Carcinogen, Evidence of Carcinogenicity |
| In OSHA Hazard Communication Carcinogen list | Yes                                                                        |
| Reproductive toxicity                        | : Suspected of damaging fertility or the unborn child .                    |
| <b>naphthalene (91-20-3)</b>                 |                                                                            |
| LOAEL (animal/female, F1)                    | 450 mg/kg body weight rat                                                  |
| STOT-single exposure                         | : May cause drowsiness or dizziness . May cause respiratory irritation .   |
| <b>Gasoline (86290-81-5)</b>                 |                                                                            |
| STOT-single exposure                         | May cause drowsiness or dizziness.                                         |
| <b>Toluene (108-88-3)</b>                    |                                                                            |
| STOT-single exposure                         | May cause drowsiness or dizziness.                                         |
| <b>Xylene (1330-20-7)</b>                    |                                                                            |
| STOT-single exposure                         | May cause respiratory irritation.                                          |
| <b>Cyclohexane (110-82-7)</b>                |                                                                            |
| NOAEC (inhalation, rat, vapor )              | 860 mg/l/4h                                                                |
| STOT-single exposure                         | May cause drowsiness or dizziness.                                         |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>      |                                                                            |
| STOT-single exposure                         | May cause respiratory irritation.                                          |
| <b>cumene (98-82-8)</b>                      |                                                                            |
| STOT-single exposure                         | May cause respiratory irritation.                                          |
| <b>n-hexane (110-54-3)</b>                   |                                                                            |
| STOT-single exposure                         | May cause drowsiness or dizziness.                                         |
| STOT-repeated exposure                       | : Causes damage to organs through prolonged or repeated exposure .         |
| <b>Toluene (108-88-3)</b>                    |                                                                            |
| STOT-repeated exposure                       | May cause damage to organs through prolonged or repeated exposure.         |
| <b>Xylene (1330-20-7)</b>                    |                                                                            |
| STOT-repeated exposure                       | May cause damage to organs through prolonged or repeated exposure.         |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>      |                                                                            |
| NOAEL (oral, rat, 90 days)                   | 600 mg/kg body weight (OECD 408 method)                                    |
| NOAEC (inhalation, rat, vapor, 90 days)      | 1.8 mg/l air rat , (OECD 452 method)                                       |
| <b>Ethylbenzene (100-41-4)</b>               |                                                                            |
| NOAEL (oral, rat, 90 days)                   | 75 mg/kg body weight (OECD 408 method)                                     |
| STOT-repeated exposure                       | May cause damage to organs through prolonged or repeated exposure.         |
| <b>Benzene (71-43-2)</b>                     |                                                                            |
| STOT-repeated exposure                       | Causes damage to organs through prolonged or repeated exposure.            |

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|                                         |                                                                 |
|-----------------------------------------|-----------------------------------------------------------------|
| <b>cumene (98-82-8)</b>                 |                                                                 |
| NOAEC (inhalation, rat, vapor, 90 days) | 125 ppm (OECD 413 method)                                       |
| <b>naphthalene (91-20-3)</b>            |                                                                 |
| LOAEL (oral, rat, 90 days)              | 400 mg/kg body weight (OECD 408 method)                         |
| LOAEC (inhalation, rat, vapor, 90 days) | 0.011 mg/l air (OECD 413 method)                                |
| NOAEL (oral, rat, 90 days)              | 200 mg/kg body weight (OECD 408 method)                         |
| NOAEL (dermal, rat/rabbit, 90 days)     | 1000 mg/kg body weight rat, (OECD 411 method)                   |
| <b>n-hexane (110-54-3)</b>              |                                                                 |
| STOT-repeated exposure                  | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard                       | : May be fatal if swallowed and enters airways.                 |
| <b>Blended Gasoline</b>                 |                                                                 |
| Viscosity, kinematic                    | 0.64 – 1.4 mm²/s                                                |
| <b>Gasoline (86290-81-5)</b>            |                                                                 |
| Hydrocarbon                             | Yes                                                             |
| <b>Toluene (108-88-3)</b>               |                                                                 |
| Hydrocarbon                             | Yes                                                             |
| <b>Xylene (1330-20-7)</b>               |                                                                 |
| Hydrocarbon                             | Yes                                                             |
| <b>Benzene (71-43-2)</b>                |                                                                 |
| Hydrocarbon                             | Yes                                                             |
| <b>cumene (98-82-8)</b>                 |                                                                 |
| Human evidence for classification       | Yes                                                             |
| <b>n-hexane (110-54-3)</b>              |                                                                 |
| Hydrocarbon                             | Yes                                                             |
| Symptoms/effects                        | : May cause drowsiness or dizziness.                            |
| Symptoms/effects after inhalation       | : May cause respiratory irritation.                             |
| Symptoms/effects after skin contact     | : Irritation.                                                   |
| Symptoms/effects after eye contact      | : Eye irritation.                                               |
| Symptoms/effects after ingestion        | : Risk of lung edema.                                           |

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

|                                                           |                                                                           |
|-----------------------------------------------------------|---------------------------------------------------------------------------|
| Ecology - general                                         | : Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Toxic to aquatic life.                                                  |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.                        |

|                              |                                              |
|------------------------------|----------------------------------------------|
| <b>Gasoline (86290-81-5)</b> |                                              |
| LC50 - Fish [1]              | 8.2 mg/l Species: Pimephales promelas        |
| EC50 - Crustacea [1]         | 4.5 mg/l Species: Daphnia magna (Water flea) |

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|                                         |                                                                                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gasoline (86290-81-5)</b>            |                                                                                                                                                   |
| EC50 72h - Algae [1]                    | 3.1 mg/l Species: <i>Selenastrum capricornutum</i>                                                                                                |
| <b>Toluene (108-88-3)</b>               |                                                                                                                                                   |
| LC50 - Fish [1]                         | 5.5 mg/l Data source: ECHA registration dossier                                                                                                   |
| EC50 - Crustacea [1]                    | 3.78 mg/l Species: <i>Ceriodaphnia dubia</i> . Data source: ECHA registration dossier (Method: US EPA 600/4-91-003)                               |
| NOEC chronic fish                       | 1.4 mg/l DurationData source: ECHA registration dossier                                                                                           |
| NOEC chronic crustacea                  | 0.74 mg/l Species: <i>Ceriodaphnia dubia</i> . Data source: ECHA registration dossier (Method: US EPA 600/4-91-003)                               |
| NOEC chronic algae                      | 10 mg/l Species: <i>Skeletonema costatum</i> (marine diatom). Data source: ECHA registration dossier (OECD 201 method)                            |
| <b>Xylene (1330-20-7)</b>               |                                                                                                                                                   |
| LC50 - Fish [1]                         | 2.6 mg/l (OECD 203 method) ; <i>Oncorhynchus mykiss</i> (Rainbow trout)                                                                           |
| EC50 - Crustacea [1]                    | > 3.4 mg/l <i>Ceriodaphnia dubia</i>                                                                                                              |
| ErC50 algae                             | 4.36 mg/l (OECD 201 method) ; <i>Pseudokirchneriella subcapitata</i>                                                                              |
| NOEC chronic fish                       | > 1.3 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)                                                                                             |
| <b>Cyclohexane (110-82-7)</b>           |                                                                                                                                                   |
| LC50 - Fish [1]                         | 4.53 mg/l <i>Pimephales promelas</i> ; (OECD 203 method)                                                                                          |
| EC50 - Crustacea [1]                    | 0.9 mg/l <i>Daphnia magna</i> (Water flea); (OECD 202 method)                                                                                     |
| ErC50 algae                             | 4.425 mg/l <i>Pseudokirchneriella subcapitata</i> ; (OECD 201 method)                                                                             |
| NOEC chronic fish                       | 0.0047 mg/l QSAR                                                                                                                                  |
| NOEC chronic crustacea                  | 0.835 mg/l QSAR                                                                                                                                   |
| NOEC chronic algae                      | 0.462 mg/l <i>Pseudokirchneriella subcapitata</i>                                                                                                 |
| <b>Benzene, trimethyl- (25551-13-7)</b> |                                                                                                                                                   |
| EC50 - Crustacea [1]                    | 5.62 mg/l                                                                                                                                         |
| <b>1,2,4-trimethylbenzene (95-63-6)</b> |                                                                                                                                                   |
| LC50 - Fish [1]                         | 7.72 mg/l                                                                                                                                         |
| EC50 - Crustacea [1]                    | 6.14 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> )                                                                                  |
| EC50 96h - Algae [1]                    | 2156 mg/l ( <i>Scenedesmus subspicatus</i> )                                                                                                      |
| <b>Ethylbenzene (100-41-4)</b>          |                                                                                                                                                   |
| LC50 - Fish [1]                         | 4.2 mg/l (OECD 203 method) ; <i>Oncorhynchus mykiss</i> (Rainbow trout)                                                                           |
| EC50 - Crustacea [1]                    | 1.8 – 2.4 mg/l <i>Daphnia magna</i> (Water flea); Data source: ECHA registration dossier                                                          |
| EC50 72h - Algae [1]                    | 5.4 mg/l <i>Pseudokirchneriella subcapitata</i> ; Data source: ECHA registration dossier                                                          |
| EC50 96h - Algae [1]                    | 3.6 mg/l <i>Pseudokirchneriella subcapitata</i> ; Data source: ECHA registration dossier                                                          |
| NOEC chronic crustacea                  | 0.96 mg/l Data source: ECHA registration dossier                                                                                                  |
| <b>Benzene (71-43-2)</b>                |                                                                                                                                                   |
| LC50 - Fish [1]                         | 5.3 mg/l <i>Pimephales promelas</i> Species: <i>Oncorhynchus mykiss</i> (Rainbow trout). Data source: ECHA registration dossier (OECD 203 method) |

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| Benzene (71-43-2)      |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EC50 - Crustacea [1]   | 10 mg/l Species: Daphnia magna (Water flea). Data source: ECHA registration dossier (OECD 202 method)                           |
| ErC50 algae            | 100 mg/l Species: Raphidocelis subcapitata. Data source: ECHA registration dossier (OECD 201 method)                            |
| NOEC chronic fish      | 0.8 mg/l Species: Pimephales promelas. Data source: ECHA registration dossier (Method: ASTM 1984)                               |
| NOEC chronic crustacea | 3 mg/l Species: Ceriodaphnia dubia. Data source: ECHA registration dossier (Method: US EPA 600/4-91-003)                        |
| NOEC chronic algae     | 34 mg/l Species: Raphidocelis subcapitata. Data source: ECHA registration dossier (OECD 201 method)                             |
| cumene (98-82-8)       |                                                                                                                                 |
| LC50 - Fish [1]        | 4.7 mg/l Cyprinodon variegatus (sheepshead minnow)                                                                              |
| EC50 - Crustacea [1]   | 2.14 mg/l Daphnia magna (Water flea)                                                                                            |
| EC50 72h - Algae [1]   | 1.29 – 2.01 mg/l Desmodesmus subspicatus                                                                                        |
| NOEC chronic fish      | 0.38 mg/l Quantitative structure-activity relationship (QSAR)                                                                   |
| NOEC chronic crustacea | 0.35 mg/l Daphnia magna (Water flea)                                                                                            |
| NOEC chronic algae     | 0.73 – 1.49 mg/l Desmodesmus subspicatus                                                                                        |
| Ethanol (64-17-5)      |                                                                                                                                 |
| LC50 - Fish [1]        | 15300 mg/l Species: Pimephales promelas. Data source: ECHA registration dossier (Method: US EPA E03-05)                         |
| EC50 - Crustacea [1]   | 5012 mg/l Species: Ceriodaphnia dubia. Data source: ECHA registration dossier (Method: ASTM E729-80)                            |
| EC50 72h - Algae [1]   | 275 mg/l Species: Green algae. Data source: ECHA registration dossier (OECD 201 method)                                         |
| NOEC chronic fish      | 250 mg/l Species: Brachydanio rerio (zebra-fish). Duration: 120 Hours. Data source: ECHA registration dossier (OECD 212 method) |
| NOEC chronic crustacea | 9.6 mg/l Species: Ceriodaphnia dubia. Duration: 10 days. Data source: ECHA registration dossier                                 |
| naphthalene (91-20-3)  |                                                                                                                                 |
| LC50 - Fish [1]        | 0.9 mg/l Data source: ECHA registration dossier                                                                                 |
| EC50 - Crustacea [1]   | 2.16 mg/l Species: Daphnia magna (Water flea), (OECD 202 method); Data source: ECHA registration dossier                        |
| EC50 72h - Algae [1]   | 2.96 mg/l Species: Raphidocelis subcapitata; Data source: ECHA registration dossier                                             |
| NOEC chronic fish      | 0.02 mg/l Data source: ECHA registration dossier                                                                                |
| NOEC chronic crustacea | 0.59 mg/l Data source: ECHA registration dossier                                                                                |
| NOEC chronic algae     | 0.41 mg/l                                                                                                                       |
| n-hexane (110-54-3)    |                                                                                                                                 |
| LC50 - Fish [1]        | > 1000 mg/l Species: Oryzias latipes (Ricefish). Data source: ECHA registration dossier                                         |
| EC50 - Crustacea [1]   | 3.878 mg/l Species: Daphnia magna (Water flea). Data source: ECHA registration dossier                                          |

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### 12.2. Persistence and degradability

|                                         |                            |
|-----------------------------------------|----------------------------|
| <b>Blended Gasoline</b>                 |                            |
| Persistence and degradability           | Not rapidly degradable     |
| <b>Gasoline (86290-81-5)</b>            |                            |
| Persistence and degradability           | Not rapidly degradable     |
| <b>Toluene (108-88-3)</b>               |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>Xylene (1330-20-7)</b>               |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>Cyclohexane (110-82-7)</b>           |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>Benzene, trimethyl- (25551-13-7)</b> |                            |
| Persistence and degradability           | Rapidly degradable         |
| <b>1,2,4-trimethylbenzene (95-63-6)</b> |                            |
| Persistence and degradability           | Not readily biodegradable. |
| <b>Ethylbenzene (100-41-4)</b>          |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>Benzene (71-43-2)</b>                |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>cumene (98-82-8)</b>                 |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>Ethanol (64-17-5)</b>                |                            |
| Persistence and degradability           | Readily biodegradable.     |
| <b>naphthalene (91-20-3)</b>            |                            |
| Persistence and degradability           | Inherently biodegradable.  |
| <b>n-hexane (110-54-3)</b>              |                            |
| Persistence and degradability           | Readily biodegradable.     |

### 12.3. Bioaccumulative potential

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| <b>Blended Gasoline</b>                         |                                                 |
| Partition coefficient n-octanol/water (Log Pow) | 2 – 7                                           |
| <b>Toluene (108-88-3)</b>                       |                                                 |
| BCF - Fish [1]                                  | 90 mg/kg Data source: ECHA registration dossier |
| Partition coefficient n-octanol/water (Log Pow) | 2.73 Data source: ECHA registration dossier     |
| Bioaccumulative potential                       | Slightly or not bioaccumulative.                |

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|                                                 |                                                                                             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Xylene (1330-20-7)</b>                       |                                                                                             |
| BCF - Fish [1]                                  | > 8.1 – < 25.9 Oncorhynchus mykiss (Rainbow trout)                                          |
| Partition coefficient n-octanol/water (Log Pow) | 3.2 (20 °C)                                                                                 |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>Cyclohexane (110-82-7)</b>                   |                                                                                             |
| BCF - Fish [1]                                  | 129                                                                                         |
| Partition coefficient n-octanol/water (Log Pow) | 3.44                                                                                        |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>1,2,4-trimethylbenzene (95-63-6)</b>         |                                                                                             |
| BCF - Fish [1]                                  | 243 dimensionless                                                                           |
| Partition coefficient n-octanol/water (Log Pow) | 3.63 (25°C)                                                                                 |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>Ethylbenzene (100-41-4)</b>                  |                                                                                             |
| BCF - Fish [1]                                  | 1 – 2.4 Oncorhynchus mykiss (Rainbow trout)                                                 |
| Partition coefficient n-octanol/water (Log Pow) | 3.6 Test method EU A.8, 20 °C                                                               |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>Benzene (71-43-2)</b>                        |                                                                                             |
| BCF - Fish [1]                                  | 13 l/kg Data source: ECHA registration dossier (Method: QSAR)                               |
| Partition coefficient n-octanol/water (Log Pow) | 2.13 Temperature: 25°C - pH: 7. Data source: ECHA registration dossier                      |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>cumene (98-82-8)</b>                         |                                                                                             |
| BCF - Fish [1]                                  | 94.69 ECHA (European Chemicals Agency)                                                      |
| Partition coefficient n-octanol/water (Log Pow) | 3.55                                                                                        |
| <b>Ethanol (64-17-5)</b>                        |                                                                                             |
| Partition coefficient n-octanol/water (Log Pow) | -0.35 Temperature: 24°C - pH: 7.4. Data source: ECHA registration dossier (OECD 107 method) |
| Bioaccumulative potential                       | Slightly or not bioaccumulative.                                                            |
| <b>naphthalene (91-20-3)</b>                    |                                                                                             |
| BCF - Fish [1]                                  | 36.5 - 168 dimensionless                                                                    |
| Partition coefficient n-octanol/water (Log Pow) | 3.4 (25 °C), (OECD 107 method); Data source: ECHA registration dossier                      |
| Bioaccumulative potential                       | Low bioaccumulation potential.                                                              |
| <b>n-hexane (110-54-3)</b>                      |                                                                                             |
| Partition coefficient n-octanol/water (Log Pow) | 4 Temperature: 20°C. Data source: ECHA registration dossier                                 |
| <b>12.4. Mobility in soil</b>                   |                                                                                             |
| <b>Toluene (108-88-3)</b>                       |                                                                                             |
| Surface tension                                 | 27.73 mN/m Temperature: 25°C. Data source: ECHA registration dossier                        |

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| Toluene (108-88-3)                                         |                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.31 Data source: ECHA registration dossier (Method: QSAR)          |
| Xylene (1330-20-7)                                         |                                                                     |
| Surface tension                                            | 28.01 – 29.76 mN/m (25 °C)                                          |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.73 (OECD 121 method)                                              |
| Cyclohexane (110-82-7)                                     |                                                                     |
| Mobility in soil                                           | 770                                                                 |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.89                                                                |
| Ethylbenzene (100-41-4)                                    |                                                                     |
| Surface tension                                            | 71.2 mN/m (23 °C), Test method EU A.5                               |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.71                                                                |
| Ethanol (64-17-5)                                          |                                                                     |
| Surface tension                                            | 0.022 N/m Temperature: 20°C. Data source: ECHA registration dossier |

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Flammable vapors may accumulate in the container. Do not re-use empty containers.           |

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                              | TDG      | IMDG   | IATA     |
|----------------------------------|----------|--------|----------|
| 14.1. UN number                  |          |        |          |
| UN1203                           | UN1203   | 1203   | 1203     |
| 14.2. Proper Shipping Name       |          |        |          |
| Gasoline                         | GASOLINE | PETROL | Gasoline |
| 14.3. Transport hazard class(es) |          |        |          |
| 3                                | 3        | 3      | 3        |

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| DOT                                                                               | TDG                                                                               | IMDG                                                                               | IATA                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |

### 14.4. Packing group

|    |    |    |    |
|----|----|----|----|
| II | II | II | II |
|----|----|----|----|

### 14.5. Environmental hazards

|                                    |                                    |                                                             |                                    |
|------------------------------------|------------------------------------|-------------------------------------------------------------|------------------------------------|
| Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes |
|------------------------------------|------------------------------------|-------------------------------------------------------------|------------------------------------|

No supplementary information available

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN-No. (DOT)                                                     | : UN1203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DOT Special Provisions (49 CFR 172.102)                          | : 144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter.<br>177 - Gasoline, or, ethanol and gasoline mixtures, for use in internal combustion engines (e.g, in automobiles, stationary engines and other engines) must be assigned to Packing Group II regardless of variations in volatility.<br>B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.<br>B33 - MC 300, MC 301, MC 302, MC 303, MC 305, MC 306, and DOT 406 cargo tanks equipped with a 1 psig normal vent used to transport gasoline must conform to Table I of this Special Provision. Based on the volatility class determined by using ASTM D 439 and the Reid vapor pressure (RVP) of the particular gasoline, the maximum lading pressure and maximum ambient temperature permitted during the loading of gasoline may not exceed that listed in Table I.<br>IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : 202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : 242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 5 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 60 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DOT Vessel Stowage Location                                      | : E - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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### TDG

|                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN-No. (TDG)                                                                | : UN1203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TDG Special Provisions                                                      | : 17 - These dangerous goods may be handled, offered for transport or transported under the UN number and shipping name UN1268, PETROLEUM DISTILLATES, N.O.S, PETROLEUM PRODUCTS N.O.S, DISTILLATS DE PÉTROLE, N.S.A. or PRODUITS PÉTROLIERS, N.S.A.,88 - Despite the quantity limits in column 9 of Schedule 1 for these dangerous goods, a road vehicle is not a passenger carrying road vehicle unless the passengers in it are transported for hire or reward,98 - If these dangerous goods are composed of more than 10% ethanol, they must be transported under UN3475, ETHANOL AND gASOLINE MIXTURE,150 - An approved ERAP is required for the dangerous goods referred to in paragraph 7.2(1)(f) of Part 7 (Emergency Response Assistance Plan). |
| Explosive Limit and Limited Quantity Index                                  | : 30 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Excepted quantities (TDG)                                                   | : E2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Passenger Carrying Vessel Index                                             | : 100 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : 5 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Emergency Response Guide (ERG) Number                                       | : 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### IMDG

|                                    |                                                                       |
|------------------------------------|-----------------------------------------------------------------------|
| Special provision (IMDG)           | : 243                                                                 |
| Limited quantities (IMDG)          | : 1 L                                                                 |
| Excepted quantities (IMDG)         | : E2                                                                  |
| Packing instructions (IMDG)        | : P001                                                                |
| IBC packing instructions (IMDG)    | : IBC02                                                               |
| Tank instructions (IMDG)           | : T4                                                                  |
| Tank special provisions (IMDG)     | : TP1                                                                 |
| EmS-No. (Fire)                     | : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS     |
| EmS-No. (Spillage)                 | : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER |
| Stowage category (IMDG)            | : E                                                                   |
| Properties and observations (IMDG) | : Immiscible with water.                                              |

### IATA

|                                              |        |
|----------------------------------------------|--------|
| Special provision (IATA)                     | : A100 |
| PCA Excepted quantities (IATA)               | : E2   |
| PCA Limited quantities (IATA)                | : Y341 |
| PCA limited quantity max net quantity (IATA) | : 1L   |
| PCA packing instructions (IATA)              | : 353  |
| PCA max net quantity (IATA)                  | : 5L   |
| CAO packing instructions (IATA)              | : 364  |
| CAO max net quantity (IATA)                  | : 60L  |
| ERG code (IATA)                              | : 3H   |

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

|          |                    |            |
|----------|--------------------|------------|
| Gasoline | CAS-No. 86290-81-5 | ≥0 – ≤100% |
|----------|--------------------|------------|

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

|         |                   |               |
|---------|-------------------|---------------|
| Toluene | CAS-No. 108-88-3  | ≥ 0.1 – < 50% |
| Xylene  | CAS-No. 1330-20-7 | ≥ 0.1 – < 25% |

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|                        |                  |               |
|------------------------|------------------|---------------|
| Cyclohexane            | CAS-No. 110-82-7 | ≥ 0.1 – < 3%  |
| 1,2,4-trimethylbenzene | CAS-No. 95-63-6  | ≥ 0.1 – < 5%  |
| Ethylbenzene           | CAS-No. 100-41-4 | ≥ 0.1 – < 5%  |
| Benzene                | CAS-No. 71-43-2  | ≥ 0.1 – < 5%  |
| cumene                 | CAS-No. 98-82-8  | ≥ 0.1 – < 15% |
| naphthalene            | CAS-No. 91-20-3  | ≥ 0.1 – < 1%  |
| n-hexane               | CAS-No. 110-54-3 | ≥ 0.1 – < 5%  |

### Toluene (108-88-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |         |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

### Xylene (1330-20-7)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |        |
|-----------|--------|
| CERCLA RQ | 100 lb |
|-----------|--------|

### Cyclohexane (110-82-7)

|           |         |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

### Ethylbenzene (100-41-4)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |         |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

### Benzene (71-43-2)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |                                                                                                             |
|-----------|-------------------------------------------------------------------------------------------------------------|
| CERCLA RQ | 10 lb received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule |
|-----------|-------------------------------------------------------------------------------------------------------------|

### cumene (98-82-8)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |         |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

### naphthalene (91-20-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |        |
|-----------|--------|
| CERCLA RQ | 100 lb |
|-----------|--------|

### n-hexane (110-54-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |         |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

# Blended Gasoline

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### 15.2. International regulations

#### CANADA

##### Gasoline (86290-81-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Toluene (108-88-3)

Listed on the Canadian DSL (Domestic Substances List)

##### Xylene (1330-20-7)

Listed on the Canadian DSL (Domestic Substances List)

##### Cyclohexane (110-82-7)

Listed on the Canadian DSL (Domestic Substances List)

##### Benzene, trimethyl- (25551-13-7)

Listed on the Canadian DSL (Domestic Substances List)

##### 1,2,4-trimethylbenzene (95-63-6)

Listed on the Canadian DSL (Domestic Substances List)

##### Ethylbenzene (100-41-4)

Listed on the Canadian DSL (Domestic Substances List)

##### Benzene (71-43-2)

Listed on the Canadian DSL (Domestic Substances List)

Toxic Substance (CEPA – Schedule I)

Yes

##### cumene (98-82-8)

Listed on the Canadian DSL (Domestic Substances List)

##### Ethanol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

##### naphthalene (91-20-3)

Listed on the Canadian DSL (Domestic Substances List)

Toxic Substance (CEPA – Schedule I)

Yes

##### n-hexane (110-54-3)

Listed on the Canadian DSL (Domestic Substances List)

# Blended Gasoline

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### EU-Regulations

#### Gasoline (86290-81-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Toluene (108-88-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Xylene (1330-20-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Cyclohexane (110-82-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Benzene, trimethyl- (25551-13-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 1,2,4-trimethylbenzene (95-63-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Ethylbenzene (100-41-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Benzene (71-43-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### cumene (98-82-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Ethanol (64-17-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### naphthalene (91-20-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### n-hexane (110-54-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

# Blended Gasoline

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### National regulations

#### Gasoline (86290-81-5)

Listed on IARC (International Agency for Research on Cancer)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)

#### Toluene (108-88-3)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Poisonous and Deleterious Substances Control Law  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

#### Xylene (1330-20-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Poisonous and Deleterious Substances Control Law  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

#### Cyclohexane (110-82-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

# Blended Gasoline

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### Benzene, trimethyl- (25551-13-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### 1,2,4-trimethylbenzene (95-63-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### Ethylbenzene (100-41-4)

Listed on IARC (International Agency for Research on Cancer)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

# Blended Gasoline

## Safety Data Sheet

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### Benzene (71-43-2)

Listed on IARC (International Agency for Research on Cancer)  
Listed as carcinogen on NTP (National Toxicology Program)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### cumene (98-82-8)

Listed on IARC (International Agency for Research on Cancer)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### Ethanol (64-17-5)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

# Blended Gasoline

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### naphthalene (91-20-3)

Listed on IARC (International Agency for Research on Cancer)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### n-hexane (110-54-3)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### 15.3. State regulations



#### WARNING:

This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component                       | State or local regulations                                                                                                                                                           |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gasoline(86290-81-5)            | U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                                       |
| Toluene(108-88-3)               | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |
| Xylene(1330-20-7)               | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |
| Cyclohexane(110-82-7)           | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List                                               |
| Benzene, trimethyl-(25551-13-7) | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List                                               |
| 1,2,4-trimethylbenzene(95-63-6) | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List                                               |
| Ethylbenzene(100-41-4)          | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |

# Blended Gasoline

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| Component            | State or local regulations                                                                                                                                                           |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benzene(71-43-2)     | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |
| cumene(98-82-8)      | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |
| Ethanol(64-17-5)     | U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                            |
| naphthalene(91-20-3) | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |
| n-hexane(110-54-3)   | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Minnesota - Chemicals of High Concern |

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

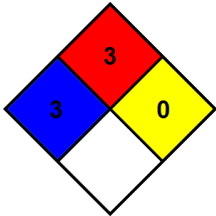
Issue date : 12/8/2025

| Full text of hazard classes and H-statements |                                                                   |
|----------------------------------------------|-------------------------------------------------------------------|
| H224                                         | Extremely flammable liquid and vapor                              |
| H225                                         | Highly flammable liquid and vapor                                 |
| H226                                         | Flammable liquid and vapor                                        |
| H302                                         | Harmful if swallowed                                              |
| H304                                         | May be fatal if swallowed and enters airways                      |
| H312                                         | Harmful in contact with skin                                      |
| H315                                         | Causes skin irritation                                            |
| H319                                         | Causes serious eye irritation                                     |
| H332                                         | Harmful if inhaled                                                |
| H335                                         | May cause respiratory irritation                                  |
| H336                                         | May cause drowsiness or dizziness                                 |
| H340                                         | May cause genetic defects.                                        |
| H350                                         | May cause cancer.                                                 |
| H351                                         | Suspected of causing cancer.                                      |
| H361                                         | Suspected of damaging fertility or the unborn child               |
| H372                                         | Causes damage to organs through prolonged or repeated exposure    |
| H373                                         | May cause damage to organs through prolonged or repeated exposure |
| H400                                         | Very toxic to aquatic life                                        |
| H401                                         | Toxic to aquatic life                                             |
| H410                                         | Very toxic to aquatic life with long lasting effects              |
| H411                                         | Toxic to aquatic life with long lasting effects                   |

# Blended Gasoline

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|                    |                                                                                                                                                                                                                                                                         |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| NFPA health hazard | : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.                                                                                                                                                                                |  |
| NFPA fire hazard   | : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.                                                                                                                               |                                                                                     |
| NFPA reactivity    | : 0 - Material that in themselves are normally stable, even under fire conditions.                                                                                                                                                                                      |                                                                                     |
| Hazard Rating      |                                                                                                                                                                                                                                                                         |                                                                                     |
| Health             | : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given<br>: * - Chronic (long-term) health effects may result from repeated overexposure                                                                                 |                                                                                     |
| Flammability       | : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB IC) |                                                                                     |
| Physical           | : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.                                                                                     |                                                                                     |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.