



Material Safety Data Sheet

Gasoline Additive

Date : 11/15/2013
Version : 2

Section 1. Product and company identification

Product name

Gasoline Additive

Material uses

Fuel additive.

Supplier/Manufacturer

AMSOIL INC.
925 Tower Avenue
Superior, WI 54880

Code

AGU

MSDS authored by

AMSOIL INC.

In case of emergency

CHEMTREC, U.S. : 1-800-424-9300
International: +1-703-527-3887

Section 2. Hazards identification

Emergency overview

- Color** : Yellow.
- Physical state** : Liquid.
- Odor** : Amine-like.
- Signal word** : WARNING!
- Hazard statements** : COMBUSTIBLE LIQUID AND VAPOR. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. POSSIBLE DEVELOPMENTAL HAZARD - CONTAINS MATERIAL WHICH MAY CAUSE ADVERSE DEVELOPMENTAL EFFECTS, BASED ON ANIMAL DATA.
- Precautions** : Keep away from heat, sparks and flame. Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid exposure during pregnancy. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
- OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Routes of entry** : Dermal contact. Eye contact. Inhalation. Ingestion.
- Potential acute health effects**
- Inhalation** : Irritating to respiratory system.
- Ingestion** : Harmful if swallowed.
- Skin** : Harmful if absorbed through the skin. Irritating to skin.
- Eyes** : Irritating to eyes.
- Potential chronic health effects**
- Chronic effects** : Contains material that can cause target organ damage.
- Carcinogenicity** : No known significant effects or critical hazards.

| | |
|------------------------------|---|
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : Contains material which may cause developmental abnormalities, based on animal data. |
| Fertility effects | : No known significant effects or critical hazards. |
| Target organs | : Contains material which may cause damage to the following organs: blood, kidneys, lungs, the nervous system, liver, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea, testes. |

Over-exposure signs/symptoms

| | |
|--|--|
| Inhalation | : Adverse symptoms may include the following: respiratory tract irritation coughing reduced fetal weight increase in fetal deaths |
| Ingestion | : Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths |
| Skin | : Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths |
| Eyes | : Adverse symptoms may include the following: pain or irritation watering redness reduced fetal weight increase in fetal deaths |
| Medical conditions aggravated by overexposure | : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product. |

See toxicological information (Section 11)

Section 3. Composition/information on ingredients

United States

| Name | CAS number | % |
|---|-------------------------|----------|
| Solvent Mixture | 64742-47-8 / 64742-88-7 | 60 - 100 |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | 10 - 30 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1 - 5 |
| Mesitylene | 108-67-8 | 1 - 5 |
| Propylbenzene | 103-65-1 | 1 - 5 |
| Xylene | 1330-20-7 | 1 - 5 |
| Cumene | 98-82-8 | 1 - 5 |
| 1,2,3-Trimethylbenzene | 526-73-8 | 1 - 5 |

Canada

| Name | CAS number | % |
|---|-------------------------|----------|
| Solvent Mixture | 64742-47-8 / 64742-88-7 | 60 - 100 |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | 10 - 30 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1 - 5 |
| Mesitylene | 108-67-8 | 1 - 5 |
| Propylbenzene | 103-65-1 | 1 - 5 |
| Xylene | 1330-20-7 | 1 - 5 |
| Cumene | 98-82-8 | 1 - 5 |
| 1,2,3-Trimethylbenzene | 526-73-8 | 1 - 5 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
- Skin contact** : After contact with skin, wash immediately with plenty of soap and water. Get medical attention if symptoms occur.
- Inhalation** : Move exposed person to fresh air. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5. Fire-fighting measures

- Flammability of the product** : Combustible liquid. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
- Extinguishing media**
- Suitable** : Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable** : Do not use water jet or water-based fire extinguishers.
- Special exposure hazards** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up**
- Small spill** : Absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste disposal contractor.
- Large spill** : Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see Section 8). Avoid contact with used product. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Keep away from heat, sparks and flame. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

United States

| Ingredient | Exposure limits |
|--|---|
| Solvent Mixture | ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours. |
| Solvent naphtha (petroleum), light arom. | NIOSH REL (United States, 1/2013). TWA: 5 mg/m ³ 10 hours. Form: Mist STEL: 10 mg/m ³ 15 minutes. Form: Mist |
| 1,2,4-Trimethylbenzene | Manufacturer (United States). TWA: 40 ppm 8 hours. |
| | ACGIH TLV (United States, 3/2012). TWA: 123 mg/m ³ 8 hours. |
| | TWA: 25 ppm 8 hours. |
| | NIOSH REL (United States, 1/2013). TWA: 125 mg/m ³ 10 hours. |
| | TWA: 25 ppm 10 hours. |
| | OSHA PEL 1989 (United States, 3/1989). TWA: 25 ppm 8 hours. |
| | TWA: 125 mg/m ³ 8 hours. |
| Mesitylene | ACGIH TLV (United States, 3/2012). TWA: 123 mg/m ³ 8 hours. |
| | TWA: 25 ppm 8 hours. |
| | NIOSH REL (United States, 1/2013). TWA: 125 mg/m ³ 10 hours. |
| | TWA: 25 ppm 10 hours. |
| | OSHA PEL 1989 (United States, 3/1989). TWA: 25 ppm 8 hours. |
| | TWA: 125 mg/m ³ 8 hours. |
| Xylene | ACGIH TLV (United States, 3/2012). STEL: 651 mg/m ³ 15 minutes. |
| | STEL: 150 ppm 15 minutes. |
| | TWA: 434 mg/m ³ 8 hours. |
| | TWA: 100 ppm 8 hours. |
| | OSHA PEL (United States, 6/2010). TWA: 435 mg/m ³ 8 hours. |
| | TWA: 100 ppm 8 hours. |
| Cumene | ACGIH TLV (United States, 3/2012). TWA: 50 ppm 8 hours. |
| | NIOSH REL (United States, 1/2013). Absorbed through skin. TWA: 245 mg/m ³ 10 hours. |
| | TWA: 50 ppm 10 hours. |
| | OSHA PEL (United States, 6/2010). Absorbed through skin. TWA: 245 mg/m ³ 8 hours. |
| | TWA: 50 ppm 8 hours. |
| 1,2,3-Trimethylbenzene | ACGIH TLV (United States, 3/2012). TWA: 25 ppm 8 hours. |
| | TWA: 123 mg/m ³ 8 hours. |
| | OSHA PEL 1989 (United States, 3/1989). TWA: 25 ppm 8 hours. |
| | TWA: 125 mg/m ³ 8 hours. |
| | NIOSH REL (United States, 1/2013). TWA: 25 ppm 10 hours. |
| | TWA: 125 mg/m ³ 10 hours. |

Canada

| Occupational exposure limits | | TWA (8 hours) | | | STEL (15 mins) | | | Ceiling | | | |
|--|-----------------|---------------|-------------------|-------|----------------|-------------------|-------|---------|-------------------|-------|-----------|
| Ingredient | List name | ppm | mg/m ³ | Other | ppm | mg/m ³ | Other | ppm | mg/m ³ | Other | Notations |
| Solvent Mixture | US ACGIH 3/2012 | - | 200 | - | - | - | - | - | - | - | [1] |
| | AB 4/2009 | - | 200 | - | - | - | - | - | - | - | [1] |
| | BC 4/2012 | - | 200 | - | - | - | - | - | - | - | [1] |
| | ON 1/2013 | - | 200 | - | - | - | - | - | - | - | [1] |
| 1,2,4-Trimethylbenzene | US ACGIH 3/2012 | 25 | 123 | - | - | - | - | - | - | - | |
| | AB 4/2009 | 25 | 123 | - | - | - | - | - | - | - | |
| | BC 4/2012 | 25 | - | - | - | - | - | - | - | - | |
| | ON 1/2013 | 25 | 123 | - | - | - | - | - | - | - | |
| | QC 12/2012 | 25 | 123 | - | - | - | - | - | - | - | |
| Mesitylene | US ACGIH 3/2012 | 25 | 123 | - | - | - | - | - | - | - | |
| | AB 4/2009 | 25 | 123 | - | - | - | - | - | - | - | |
| | BC 4/2012 | 25 | - | - | - | - | - | - | - | - | |
| | ON 1/2013 | 25 | 123 | - | - | - | - | - | - | - | |
| Xylene | US ACGIH 3/2012 | 100 | 434 | - | 150 | 651 | - | - | - | - | |
| | AB 4/2009 | 100 | 434 | - | 150 | 651 | - | - | - | - | |
| | BC 4/2012 | 100 | - | - | 150 | - | - | - | - | - | |
| | ON 1/2013 | 100 | 434 | - | 150 | 651 | - | - | - | - | |
| | QC 12/2012 | 100 | 434 | - | 150 | 651 | - | - | - | - | |
| Cumene | US ACGIH 3/2012 | 50 | - | - | - | - | - | - | - | - | |
| | AB 4/2009 | 50 | 246 | - | - | - | - | - | - | - | |
| | BC 4/2012 | 25 | - | - | 75 | - | - | - | - | - | |
| | ON 1/2013 | 50 | - | - | - | - | - | - | - | - | [1] |
| | QC 12/2012 | 50 | 246 | - | - | - | - | - | - | - | |
| 1,2,3-Trimethylbenzene | US ACGIH 3/2012 | 25 | 123 | - | - | - | - | - | - | - | |
| | AB 4/2009 | 25 | 123 | - | - | - | - | - | - | - | |
| | BC 4/2012 | 25 | - | - | - | - | - | - | - | - | |
| | ON 1/2013 | 25 | 123 | - | - | - | - | - | - | - | |
| | QC 12/2012 | 25 | 123 | - | - | - | - | - | - | - | |
| Solvent naphtha (petroleum), light arom. | AB 4/2009 | - | 5 | - | - | 10 | - | - | - | - | [a] |
| | ON 1/2013 | - | 5 | - | - | 10 | - | - | - | - | [a] |
| | QC 12/2012 | - | 5 | - | - | 10 | - | - | - | - | [a] |

[1] Absorbed through skin.

Form: [a] Mist

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion-proof ventilation equipment.

Hygiene measures : Ensure that eyewash stations and safety showers are close to the workstation location. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Respiratory : Not required under normal conditions of use. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure a MSHA/NIOSH-approved respirator or equivalent is used.

- Hands** : Use gloves appropriate for work or task being performed. Recommended: Natural rubber (latex).
- Eyes** : Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. No special protective clothing is required. Recommended: Coveralls.

Section 9. Physical and chemical properties

| | | | |
|-------------------------|--|--------------------------------------|-------------------|
| Physical state | : Liquid. | Odor | : Amine-like. |
| Color | : Yellow. | pH | : Not available. |
| Flash point | : Closed cup: 65°C (149°F) [Pensky-Martens.] | Auto-ignition temperature | : Not available. |
| Flammable limits | : Not available. | Melting point/ Pour point | : -51°C (-59.8°F) |
| Boiling point | : Not available. | Vapor pressure | : Not available. |
| Relative density | : 0.827 | Vapor density | : Not available. |
| Volatility | : Not available. | Evaporation rate | : Not available. |
| Viscosity | : Kinematic (40°C (104°F)): 0.0194 cm ² /s (1.94 cSt) | Solubility | : Negligible. |

Section 10. Stability and reactivity

| | |
|---|---|
| Chemical stability | : The product is stable. |
| Conditions to avoid | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Materials to avoid | : Reactive or incompatible with the following materials: oxidizing materials. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| Hazardous polymerization | : Under normal conditions of storage and use, hazardous polymerization will not occur. |

Section 11. Toxicological information

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|-----------------------|---------|-------------------------|----------|
| 1,2,4-Trimethylbenzene | LC50 Inhalation Vapor | Rat | 18000 mg/m ³ | 4 hours |
| | LD50 Oral | Rat | 5 g/kg | - |
| Mesitylene | LC50 Inhalation Vapor | Rat | 24000 mg/m ³ | 4 hours |
| | LD50 Oral | Rat | 5000 mg/kg | - |
| Propylbenzene | LD50 Oral | Rat | 6040 mg/kg | - |
| Xylene | LC50 Inhalation Gas. | Rat | 5000 ppm | 4 hours |
| | LD50 Oral | Rat | 4300 mg/kg | - |
| Cumene | LC50 Inhalation Vapor | Rat | 39000 mg/m ³ | 4 hours |
| | LD50 Oral | Rat | 1400 mg/kg | - |
| Solvent naphtha (petroleum), light arom. | LD50 Oral | Rat | 8400 mg/kg | - |

Chronic toxicity

There is no data available.

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|--|--------------------------|---------|-------|-----------------|-------------|
| Mesitylene | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 20 mg | - |
| Xylene | Eyes - Mild irritant | Rabbit | - | 87 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 100% | - |
| | Eyes - Severe irritant | Rabbit | - | 24 hours 5 mg | - |
| | Skin - Mild irritant | Rat | - | 8 hours 60 µL | - |
| Cumene | Skin - Moderate irritant | Rabbit | - | 24 hours 500 mg | - |
| | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 100 mg | - |
| | Eyes - Mild irritant | Rabbit | - | 86 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 10 mg | - |
| Solvent naphtha (petroleum), light arom. | Eyes - Mild irritant | Rabbit | - | 24 hours 100 µL | - |

Sensitizer

Skin : There is no data available.

Respiratory : There is no data available.

Carcinogenicity

Classification

| Product/ingredient name | ACGIH | IARC | EPA | NIOSH | NTP | OSHA |
|-------------------------|-------|------|-----|-------|-----|------|
| Xylene | A4 | 3 | - | - | - | - |
| Cumene | - | 2B | - | - | - | - |

Mutagenicity

There is no data available.

Teratogenicity

There is no data available.

Reproductive toxicity

There is no data available.

Section 12. Ecological information

Aquatic ecotoxicity

| Product/ingredient name | Result | Species | Exposure |
|---|--|---|----------|
| Solvent Mixture 1,2,4-Trimethylbenzene | Acute LC50 2200 µg/l Fresh water | Fish - Lepomis macrochirus | 4 days |
| | Acute LC50 4910 µg/l Marine water | Crustaceans - Elasmopus pectenicrus - Adult | 48 hours |
| Mesitylene | Acute LC50 22.4 mg/L Fresh water | Fish - Tilapia zillii | 96 hours |
| | Acute LC50 13000 µg/l Marine water | Crustaceans - Cancer magister - Zoea | 48 hours |
| | Acute LC50 12520 to 15050 µg/l Fresh water | Fish - Carassius auratus | 96 hours |
| Propylbenzene | Chronic NOEC 400 µg/l Fresh water | Daphnia - Daphnia magna | 21 days |
| | Acute EC50 1800 µg/l Fresh water | Algae - Pseudokirchneriella subcapitata | 72 hours |
| Xylene | Acute LC50 1550 µg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| | Acute IC50 10 mg/L | Algae | 72 hours |
| Cumene | Acute LC50 8500 µg/l Marine water | Crustaceans - Palaemonetes pugio | 48 hours |
| | Acute LC50 13400 µg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| | Acute EC50 2600 µg/l Fresh water | Algae - Pseudokirchneriella subcapitata | 72 hours |
| | Acute EC50 11200 µg/l Fresh water | Daphnia - Daphnia magna - Neonate | 48 hours |
| | Acute LC50 7400 µg/l Fresh water | Crustaceans - Artemia sp. - Nauplii | 48 hours |
| | Acute LC50 2700 µg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |

Persistence/degradability

There is no data available.

Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

North America

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label | Additional information |
|---------------------------|----------------|---|---------|-----|-------|------------------------|
| DOT Classification | NA1993 | COMBUSTIBLE LIQUID, N. O.S. (Solvent Mixture) | 3 | III | | - |
| TDG Classification | Not regulated. | - | - | - | | - |
| IMDG Class | Not regulated. | - | - | - | | - |
| IATA-DGR Class | Not regulated. | - | - | - | | - |

PG* : Packing group

Exemption to the above classification may apply.

AERG : 128

Section 15. Regulatory information

United States

HCS Classification

: Combustible liquid
Irritating material
Target organ effects

U.S. Federal regulations

: **SARA 302/304**: No products were found.
SARA 311/312 Hazards identification: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard
Clean Water Act (CWA) 307: Ethylbenzene
Clean Water Act (CWA) 311: Xylene; Ethylbenzene

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 313

| | Product name | CAS number | Concentration |
|--|------------------------|------------|---------------|
| Form R - Reporting requirements | 1,2,4-Trimethylbenzene | 95-63-6 | 1 - 5 |
| | Xylene | 1330-20-7 | 1 - 5 |
| | Cumene | 98-82-8 | 1 - 5 |
| Supplier notification | 1,2,4-Trimethylbenzene | 95-63-6 | 1 - 5 |
| | Xylene | 1330-20-7 | 1 - 5 |
| | Cumene | 98-82-8 | 1 - 5 |

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations

- Massachusetts** : The following components are listed: 1,2,4-Trimethylbenzene; Mesitylene; Propylbenzene; Xylene; Cumene; 1,2,3-Trimethylbenzene
- New York** : The following components are listed: Xylene; Cumene
- New Jersey** : The following components are listed: 1,2,4-Trimethylbenzene; Mesitylene; Propylbenzene; Xylene; Cumene; Mesitylene
- Pennsylvania** : The following components are listed: 1,2,4-Trimethylbenzene; Mesitylene; Propylbenzene; Xylene; Cumene; Mesitylene

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

| Ingredient name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|------------------------|--------------|--------------|--|---------------------------------|
| Cumene Ethylbenzene | Yes. Yes. | No. No. | No. 41 µg/day (ingestion) 54 µg/day (inhalation) | No. No. |

Canada

- WHMIS (Canada)** : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2A: Material causing other toxic effects (Very toxic).
Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

- Canada inventory** : All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other information

United States

- Label requirements** : COMBUSTIBLE LIQUID AND VAPOR. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. POSSIBLE DEVELOPMENTAL HAZARD - CONTAINS MATERIAL WHICH MAY CAUSE ADVERSE DEVELOPMENTAL EFFECTS, BASED ON ANIMAL DATA.

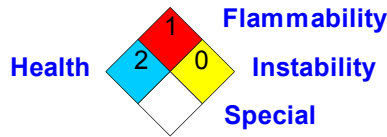
Hazardous Material Information System (U.S.A.) :

| | | |
|-------------------------|---|---|
| Health | * | 2 |
| Flammability | | 1 |
| Physical hazards | | 0 |
| | | |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.) :



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Version : 2

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.