SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product information

Product Name: Cyclohexane
Material: 1015388, 1098296, 1080331, 1059057, 1026806, 1025303, 1026803, 1026805

Company: Chevron Phillips Chemical Company LP
10001 Six Pines Drive
The Woodlands, TX 77380

Emergency telephone:

Health:
866.442.9628 (North America)
1.832.813.4984 (International)

Transport:
CHEMTREC 800.424.9300 or 703.527.3887(int'l)
Asia: +800 CHEMCALL (+800 2436 2255) China:+86-21-22157316
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department: Product Safety and Toxicology Group
E-mail address: SDS@CPChem.com
Website: www.CPChem.com

SECTION 2: Hazards identification

Classification of the substance or mixture
This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

Emergency Overview

Danger
Physical state: Liquid  Color: Colorless  Odor: chloroform-like, irritating
OSHA Hazards: Flammable Liquid, Aspiration hazard, Moderate skin irritant, Specific target organ systemic toxicity - single exposure

Classification
Flammable liquids , Category 2
Skin irritation , Category 2

SDS Number: 100000068314
**SAFETY DATA SHEET**

**Cyclohexane**

Version 2.12  
Revision Date 2016-02-11

Specific target organ systemic toxicity - single exposure,  
Category 3, Central nervous system  
Aspiration hazard, Category 1

**Labeling**

**Symbol(s):**
![Symbol Image]

**Signal Word:** Danger

**Hazard Statements:**
- **H225:** Highly flammable liquid and vapor.
- **H304:** May be fatal if swallowed and enters airways.
- **H315:** Causes skin irritation.
- **H336:** May cause drowsiness or dizziness.

**Precautionary Statements:**

**Prevention:**
- **P210** Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- **P233** Keep container tightly closed.
- **P240** Ground/bond container and receiving equipment.
- **P241** Use explosion-proof electrical/ventilating/lighting/equipment.
- **P242** Use only non-sparking tools.
- **P243** Take precautionary measures against static discharge.
- **P261** Avoid breathing dust/fume/gas/mist/vapors/spray.
- **P264** Wash skin thoroughly after handling.
- **P271** Use only outdoors or in a well-ventilated area.
- **P280** Wear protective gloves/eye protection/face protection.

**Response:**
- **P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- **P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- **P304 + P340 + P312** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- **P331** Do NOT induce vomiting.
- **P332 + P313** If skin irritation occurs: Get medical advice/attention.
- **P362** Take off contaminated clothing and wash before reuse.
- **P370 + P378** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**
- **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.

**Disposal:**
- **P501** Dispose of contents/container to an approved waste disposal plant.

**Carcinogenicity:**
### Cyclohexane

**Version 2.12**

**Revision Date** 2016-02-11

---

#### IARC
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### NTP
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### ACGIH
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

---

**SECTION 3: Composition/information on ingredients**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>99.9 - 100</td>
</tr>
</tbody>
</table>

---

**SECTION 4: First aid measures**

**General advice**: Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

**If inhaled**: Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

**In case of skin contact**: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

**In case of eye contact**: Flush eyes with water as a precaution.

**If swallowed**: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

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**SECTION 5: Firefighting measures**

**Flash point**: -18.3 °C (-0.9 °F)

**Autoignition temperature**: 260 °C (500 °F)

**Suitable extinguishing media**: Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.

**Unsuitable extinguishing media**: High volume water jet.
Cyclohexane

Specific hazards during fire fighting: Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Fire and explosion protection: Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hazardous decomposition products: Carbon Dioxide. Carbon oxides.

SECTION 6: Accidental release measures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7: Handling and storage

Handling

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient. Review all operations, which have the potential to generating and accumulation of electrostatic...
charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106 "Flammable and Combustible Liquids"; National Fire Protection Association (NFPA 77), "Recommended Practice on Static Electricity"; and/or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising Out of Static, Lightning, and stray Currents".

Advice on protection against fire and explosion: Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Requirements for storage areas and containers: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8: Exposure controls/personal protection

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Basis</th>
<th>Value</th>
<th>Control parameters</th>
<th>Note</th>
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</thead>
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<tr>
<td>Cyclohexane</td>
<td>ACGIH</td>
<td>TWA</td>
<td>100 ppm, 1,050 mg/m³</td>
<td>(b).</td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>300 ppm, 1,050 mg/m³</td>
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<tr>
<td></td>
<td>OSHA Z-1-A</td>
<td>TWA</td>
<td>300 ppm, 1,050 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Benzene</td>
<td>ACGIH</td>
<td>TWA</td>
<td>0.5 ppm, BEI, A1, Skin</td>
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<tr>
<td></td>
<td>OSHA Z-1</td>
<td>TWA</td>
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<td>OSHA Z-1-A</td>
<td>CEIL</td>
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<td></td>
<td>OSHA Z-2</td>
<td>Peak</td>
<td>50 ppm, (a),</td>
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</tr>
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<td></td>
<td>OSHA 29 CFR 1910.1028(c)</td>
<td>TWA</td>
<td>1 ppm,</td>
<td></td>
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<tr>
<td></td>
<td>OSHA 29 CFR 1910.1028(c)</td>
<td>STEL</td>
<td>5 ppm,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA CARC</td>
<td>PEL</td>
<td>1 ppm,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA CARC</td>
<td>STEL</td>
<td>5 ppm,</td>
<td></td>
</tr>
</tbody>
</table>

(a) This standard applies to the industry segments exempt from the 1 ppm 8-hour TWA and 5 ppm STEL of the benzene standard at 1910.1028.
(b) The value in mg/m³ is approximate.
BEI Substances for which there is a Biological Exposure Index or Indices (see BEI® section)
Skin Danger of cutaneous absorption

Personal protective equipment

Respiratory protection: Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Organic Vapors. Use a positive pressure, air-supplying respirator if there is
potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Hand protection

The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection

Eye wash bottle with pure water. Tightly fitting safety goggles.

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. Wear as appropriate.: Flame retardant antistatic protective clothing. Workers should wear antistatic footwear.

Hygiene measures

When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
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<tr>
<td>Physical state</td>
<td>Liquid</td>
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<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>chloroform-like, irritating</td>
</tr>
<tr>
<td><strong>Safety data</strong></td>
<td></td>
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<tr>
<td>Flash point</td>
<td>-18.3 °C (-0.9 °F)</td>
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<tr>
<td>Method: closed cup</td>
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<tr>
<td>Lower explosion limit</td>
<td>1.3 % (V)</td>
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<tr>
<td>Upper explosion limit</td>
<td>8 % (V)</td>
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<tr>
<td>Oxidizing properties</td>
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<tr>
<td>Autoignition temperature</td>
<td>260 °C (500 °F)</td>
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<tr>
<td>Molecular formula</td>
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<td>Molecular weight</td>
<td>84.18 g/mol</td>
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<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Pour point</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>6.59 °C (43.86 °F)</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>80.7 °C (177.3 °F)</td>
</tr>
</tbody>
</table>
Cyclohexane

Vapor pressure: 3.26 PSI
at 37.8 °C (100.0 °F)

Relative density: 0.78
at 15.6 °C (60.1 °F)

Density: 0.8 g/cm³

Water solubility: Soluble in hydrocarbon solvents, natural oils, fats, and waxes; insoluble in water.

Partition coefficient: n-octanol/water: No data available

Viscosity, kinematic: 0.953 cSt
at 37.8 °C (100.0 °F)

Relative vapor density: 2.9
(Air = 1.0)

Evaporation rate: 1.95

Percent volatile: > 99%

Other information
Conductivity: < 5 pSm

SECTION 10: Stability and reactivity

Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions
Conditions to avoid: Heat, flames and sparks.

Materials to avoid: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous decomposition products: Carbon Dioxide
Carbon oxides

Other data: No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

Cyclohexane
Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method
Acute inhalation toxicity
Cyclohexane
- LC50: >32,880 mg/m3
- Exposure time: 4 h
- Species: Rat
- Sex: male and female
- Test atmosphere: vapor
- Method: OECD Test Guideline 403

Skin irritation
Cyclohexane
- May cause skin irritation in susceptible persons.

Eye irritation
Cyclohexane
- No adverse effects expected.
- Vapors may cause irritation to the eyes, respiratory system and the skin.

Sensitization
Cyclohexane
- Did not cause sensitization on laboratory animals.

Repeated dose toxicity
Cyclohexane
- Species: Rat
- Application Route: Inhalation
- Dose: 0, 500, 2000, 7000 ppm
- Exposure time: 90 day
- Number of exposures: 6 h/d, 5 d/wk
- NOEL: 2000 ppm

Species: Rat, Male and female
- Sex: Male and female
- Application Route: Inhalation
- Dose: 0, 500, 2000, 7000 ppm
- Exposure time: 13-14 wk
- Number of exposures: 6 hr/d, 5 d/wk
- NOEL: 7000 ppm

Species: Mouse, Male and female
- Sex: Male and female
- Application Route: Inhalation
- Dose: 0, 500, 2000, 7000 ppm
- Exposure time: 13-14 wk
- Number of exposures: 6 hr/d, 5 d/wk
- NOEL: 2000 ppm
- Target Organs: Blood

Reproductive toxicity
Cyclohexane
- Species: Rat
- Application Route: Inhalation
- Dose: 0, 500, 2000, 7000 ppm
- Number of exposures: 6 hr/d, 5 d/wk
- Method: OECD Test Guideline 416
- NOAEL Parent: 500 ppm
- NOAEL F1: 7000 ppm
- NOAEL F2: 7000 ppm

Developmental Toxicity
Cyclohexane

Species: Rat
Application Route: Inhalation
Dose: 0, 500, 2,000, 7,000 PPM
Number of exposures: 6 hr/d
Test period: GD 6-15
Method: OECD Guideline 414
NOAEL Teratogenicity: 7,000 ppm
NOAEL Maternal: 500 ppm

Species: Rabbit
Application Route: Inhalation
Dose: 0, 500, 2,000, 7,000 PPM
Number of exposures: 6 hr/d
Test period: GD 6-18
Method: OECD Guideline 414
NOAEL Teratogenicity: 7,000 ppm
NOAEL Maternal: 500 ppm

Cyclohexane Aspiration toxicity: May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

CMR effects
Cyclohexane: Carcinogenicity: Not classifiable as a human carcinogen. Mutagenicity: Did not show mutagenic effects in animal experiments. Teratogenicity: Did not show teratogenic effects in animal experiments. Reproductive toxicity: No toxicity to reproduction

Cyclohexane Further information: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

SECTION 12: Ecological information

Toxicity to fish
Cyclohexane: LC50: 4.53 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates
Cyclohexane: EC50: 0.9 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202
Cyclohexane

Toxicity to algae

Cyclohexane:
- EbC50: 3.4 mg/l
- Exposure time: 72 h
- Species: Selenastrum capricornutum (algae)

NOEC: 0.925 mg/l
- Exposure time: 72 h
- Species: Pseudokirchneriella subcapitata (microalgae)
- Method: OECD Test Guideline 201

M-Factor:
cyclohexane (Vapour and gas):
- 1

Bioaccumulation

Cyclohexane:
- Bioconcentration factor (BCF): 167
- This material is not expected to bioaccumulate.

Biodegradability

Cyclohexane:
- 77 %
- Testing period: 28 d
- Method: OECD Test Guideline 301
- This material is expected to be readily biodegradable.

Ecotoxicology Assessment

Acute aquatic toxicity
Cyclohexane:
- Very toxic to aquatic life.

Chronic aquatic toxicity
Cyclohexane:
- Very toxic to aquatic life with long lasting effects.

Results of PBT assessment
Cyclohexane:
- Non-classified PBT substance, Non-classified vPvB substance

Additional ecological information:
- An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
- Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Product:
- The product should not be allowed to enter drains, water
Cyclohexane

Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)
UN1145, CYCLOHEXANE, 3, II, RQ (CYCLOHEXANE)

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)
UN1145, CYCLOHEXANE, 3, II, (-18.3 °C), MARINE POLLUTANT, (CYCLOHEXANE)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)
UN1145, CYCLOHEXANE, 3, II

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))
UN1145, CYCLOHEXANE, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS, (CYCLOHEXANE)

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))
UN1145, CYCLOHEXANE, 3, II, ENVIRONMENTALLY HAZARDOUS, (CYCLOHEXANE)

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)
UN1145, CYCLOHEXANE, 3, II, ENVIRONMENTALLY HAZARDOUS, (CYCLOHEXANE)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Other information: Cyclohexane, S.T. 2, Cat. Y

SECTION 15: Regulatory information

National legislation
SDS Number: 100000068314 11/14
Cyclohexane

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO – KNOW

CERCLA Reportable Quantity : 1000 lbs Cyclohexane

SARA 302 Threshold Planning Quantity : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Ingredients :
- Cyclohexane - 110-82-7

Clean Air Act

Ozone-Depletion Potential : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):
- Benzene - 71-43-2

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
- Cyclohexane - 110-82-7
- Benzene - 71-43-2

US State Regulations

Pennsylvania Right To Know :
- Cyclohexane - 110-82-7
- Benzene - 71-43-2

New Jersey Right To Know :
- Cyclohexane - 110-82-7

California Prop. 65 Ingredients :
- WARNING! This product contains a chemical known in the State of California to cause cancer.
WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

Notification status
Europe REACH : On the inventory, or in compliance with the inventory
United States of America TSCA : On the inventory, or in compliance with the inventory
Canada DSL : On the inventory, or in compliance with the inventory
Australia AICS : On the inventory, or in compliance with the inventory
New Zealand NZIoC : On the inventory, or in compliance with the inventory
Japan ENCS : On the inventory, or in compliance with the inventory
Korea KECl : On the inventory, or in compliance with the inventory
Philippines PICCS : On the inventory, or in compliance with the inventory
China IECSC : On the inventory, or in compliance with the inventory

SECTION 16: Other information

NFPA Classification : Health Hazard: 1
                          Fire Hazard: 3
                          Reactivity Hazard: 0

Further information
Legacy SDS Number : 895

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Key or legend to abbreviations and acronyms used in the safety data sheet

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Government Industrial Hygienists</td>
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<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
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<tr>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
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<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
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<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>NZIoC</td>
<td>New Zealand Inventory of</td>
</tr>
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SDS Number:100000068314
<table>
<thead>
<tr>
<th>Chemicals</th>
<th>EC50</th>
<th>Effective Concentration</th>
<th>NOAEL</th>
<th>No Observable Adverse Effect Level</th>
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<td>Effective Concentration 50%</td>
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<td>No Observed Effect Concentration</td>
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<td>EOSCA Generic Exposure Scenario Tool</td>
<td>OSHA</td>
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<td>EOSCA</td>
<td>European Oilfield Specialty Chemicals Association</td>
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<td>Permissible Exposure Limit</td>
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<td>PICCS</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
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<td>Germany Maximum Concentration Values</td>
<td>PRNT</td>
<td>Presumed Not Toxic</td>
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<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
<td>RCRA</td>
<td>Resource Conservation Recovery Act</td>
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<td>Superfund Amendments and Reauthorization Act</td>
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