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

### Product information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Toluene Reference, Fuel Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>1016965, 1016964, 1016968, 1016967, 1016963, 1016966</td>
</tr>
</tbody>
</table>

**Use:** Reference Fuel

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

**Local:** CHEVRON PHILLIPS CHEMICALS ASIA PTE. LTD.
C/O DONG WOO CORPORATION
#B-2601, JEONGJAIL-RO,
BUNDANG-GU, SEONGNAMI-SI,
GYEONGGI-DO, 13557
SOUTH KOREA
Telephone no.: +612-9186-1132

**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: CHEMWATCH (+612 9186 1132) China: 0532 8388 9090
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
Mexico CHEMTREC 01-800-681-9531 (24 hours)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600
Argentina: +(54)-1159839431

**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**
Standards for classification and labeling of chemical substances and material safety data sheet (ministry of employment and labor public notice No. 2016-19) (GHS 2011)
Classification

: Flammable liquids, Category 2
Skin corrosion/irritation, Category 2
Reproductive toxicity, Category 2
Specific target organ systemic toxicity - single exposure, Category 3. Central nervous system
Specific target organ systemic toxicity - repeated exposure, Category 2
Aspiration hazard, Category 1

Labeling

Symbol(s)

: 

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.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

: Prevention:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
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.
P264: Wash the contact area thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/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 victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P308 + P313: IF exposed or concerned: Get medical advice/attention.
P331: Do NOT induce vomiting.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
P362 + P364: Take off contaminated clothing and wash it
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 and container according to wastes  
control act.

SECTION 3: Composition/information on ingredients

Synonyms:  
Toluol  
Toluene (Reference Fuel)  

Molecular formula:  
C7H8  

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration</th>
<th>KECI Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>99.95%</td>
<td>KE-33936</td>
</tr>
<tr>
<td>Benzene</td>
<td>71-43-2</td>
<td>0.05%</td>
<td>KE-02150</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.  Material may produce a  
serious, potentially fatal pneumonia if swallowed or vomited.  

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:  
Immediately flush eye(s) with plenty of water.  Remove contact  
lenses.  Protect unharmed eye.  Keep eye wide open while  
rinsing.  If eye irritation persists, consult a specialist.  

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

SECTION 5: Firefighting measures

Flash point:  
4.4 °C (39.9 °F)
### Toluene Reference, Fuel Grade

**Version 1.6**

**Revision Date 2017-10-27**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method</strong></td>
<td>closed cup</td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
<td>529 °C (984 °F)</td>
</tr>
<tr>
<td><strong>Suitable extinguishing media</strong></td>
<td>Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.</td>
</tr>
<tr>
<td><strong>Unsuitable extinguishing media</strong></td>
<td>High volume water jet.</td>
</tr>
<tr>
<td><strong>Specific hazards during fire fighting</strong></td>
<td>Do not allow run-off from fire fighting to enter drains or water courses.</td>
</tr>
<tr>
<td><strong>Special protective equipment for fire-fighters</strong></td>
<td>Wear self-contained breathing apparatus for firefighting if necessary.</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Fire and explosion protection</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Hazardous decomposition products</strong></td>
<td>Carbon oxides.</td>
</tr>
</tbody>
</table>

### 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.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>KR OEL</td>
<td>TWA</td>
<td>50 ppm, 188 mg/m3</td>
<td>repr 2</td>
</tr>
<tr>
<td></td>
<td>KR OEL</td>
<td>STEL</td>
<td>150 ppm, 560 mg/m3</td>
<td>repr 2</td>
</tr>
</tbody>
</table>

KR

Suspected human reproductive toxicant

Engineering measures

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances. Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal protective equipment

Respiratory protection: 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:. 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. 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.

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 work-place. Wear as appropriate: Flame retardant antistatic protective clothing. Workers should wear antistatic footwear.

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. 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

Appearance

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Non-viscous</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Strong gasoline</td>
</tr>
</tbody>
</table>

SDS Number: 100000013055
### Safety data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>4.4 °C (39.9 °F)</td>
</tr>
<tr>
<td>Method</td>
<td>closed cup</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>1.2 % (V)</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>7.1 % (V)</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>no</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>529 °C (984 °F)</td>
</tr>
<tr>
<td>Molecular formula</td>
<td>C7H8</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>92.15 g/mol</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Pour point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>-94.5 °C (-138.1 °F)</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>110.6 °C (231.1 °F)</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>1.10 PSI</td>
</tr>
<tr>
<td></td>
<td>at 37.8 °C (100.0 °F)</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td>at 15.6 °C (60.1 °F)</td>
</tr>
<tr>
<td>Density</td>
<td>0.9 g/cm³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in alcohol, benzene, and ether; insoluble in water.</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>2.8</td>
</tr>
<tr>
<td></td>
<td>(Air = 1.0)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>4.5</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>&gt; 99 %</td>
</tr>
</tbody>
</table>

### Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>8 pSm</td>
</tr>
<tr>
<td></td>
<td>at 20 °C</td>
</tr>
<tr>
<td></td>
<td>Method: ASTM D4308</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity
Toluene Reference, Fuel Grade

Reactivity: No decomposition if stored and applied as directed.

Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. No decomposition if stored and applied as directed.

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 oxides

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

SECTION 11: Toxicological information

Toluene Reference, Fuel Grade
Acute oral toxicity: LD50: > 5,000 mg/kg
Method: Acute toxicity estimate

Toluene Reference, Fuel Grade
Acute inhalation toxicity: LC50: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Acute toxicity estimate

Toluene Reference, Fuel Grade
Acute dermal toxicity: LD50: > 5,000 mg/kg
Method: Acute toxicity estimate

Toluene Reference, Fuel Grade
Skin irritation: Irritating to skin.
May cause skin irritation in susceptible persons.

Toluene Reference, Fuel Grade
Eye irritation: Eye irritation.
May cause irreversible eye damage.

Sensitization
Toluene: Did not cause sensitization on laboratory animals.

Benzene: Did not cause sensitization on laboratory animals.

Toluene Reference, Fuel Grade
Repeated dose toxicity: Method: Based on product or component testing, long term repeated exposure may cause damage to the following
Toluene Reference, Fuel Grade

Carcinogenicity:
Method: Estimated based on individual component values.
Remarks: Suspect cancer hazard

Reproductive toxicity
Toluene: Species: Rat
Application Route: Inhalation
Dose: 0, 100, 500, 2000 ppm
Test period: 95 d
NOAEL Parent: 2000 ppm

Developmental Toxicity
Toluene: Species: Rat
Application Route: Inhalation
Dose: 0, 100, 500, 2000 ppm
Test period: 95 d
NOAEL Teratogenicity: 400-750 ppm

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
Toluene: Carcinogenicity: Not classifiable as a human carcinogen.
Mutagenicity: Animal testing did not show any mutagenic effects.
Teratogenicity: Some evidence of adverse effects on development, based on animal experiments.
Reproductive toxicity: Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

Benzene: Carcinogenicity: Human carcinogen.
Mutagenicity: In vivo tests showed mutagenic effects
Teratogenicity: Did not show teratogenic effects in animal experiments.
Reproductive toxicity: Animal testing did not show any effects on fertility.

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
- **Toluene**: LC50: 18 - 36 mg/l  
  Exposure time: 96 h  
  Species: Pimephales promelas (fathead minnow)
- **Benzene**: LC50: 5.3 mg/l  
  Exposure time: 96 h  
  Species: Oncorhynchus mykiss (rainbow trout)  
  Flow-through test  
  Test substance: yes  
  Method: OECD Test Guideline 203

### Toxicity to daphnia and other aquatic invertebrates
- **Toluene**: EC50: 3.78 mg/l  
  Exposure time: 48 h  
  Species: Daphnia magna (Water flea)
- **Benzene**: EC50: 10 mg/l  
  Exposure time: 48 h  
  Species: Daphnia magna (Water flea)  
  Static test  
  Test substance: yes  
  Method: OECD Test Guideline 202

### Toxicity to algae
- **Toluene**: EC50: 134 mg/l  
  Exposure time: 72 h  
  Species: Chlamydomonas angulosa (Green algae)
- **Benzene**: ErC50: 100 mg/l  
  Exposure time: 72 h  
  Species: Pseudokirchneriella subcapitata (green algae)  
  Test substance: yes  
  Method: OECD Test Guideline 201

### Elimination information (persistence and degradability)
- **Biodegradability**: Expected to be biodegradable

### Ecotoxicology Assessment
- **Acute aquatic toxicity**
  - **Toluene**: Toxic to aquatic life.
  - **Benzene**: Toxic to aquatic life.

- **Chronic aquatic toxicity**
  - **Toluene**: Harmful to aquatic life with long lasting effects.
  - **Benzene**: Harmful to aquatic life with long lasting effects.
## Results of PBT assessment

<table>
<thead>
<tr>
<th>Substance</th>
<th>PBT classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>Non-classified vPvB substance, Non-classified PBT substance</td>
</tr>
<tr>
<td>Benzene</td>
<td>This substance is not considered to be persistent, bioaccumulating and toxic (PBT), This substance is not considered to be very persistent and very bioaccumulating (vPvB).</td>
</tr>
</tbody>
</table>

## Additional ecological information
- Toxic to aquatic life.
- An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
- Toxic to aquatic life.
- Harmful 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.

<table>
<thead>
<tr>
<th>Product</th>
<th>The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contaminated packaging</td>
<td>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.</td>
</tr>
</tbody>
</table>

### 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)**

- UN1294, TOLUENE, 3, II, RQ (TOLUENE)

**IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)**

- UN1294, TOLUENE, 3, II, (4.4 °C)

**IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)**

- UN1294, TOLUENE, 3, II
Toluene Reference, Fuel Grade

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))
UN1294, TOLUENE, 3, II, (D/E)

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))
UN1294, TOLUENE, 3, II

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)
UN1294, TOLUENE, 3, II

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

SECTION 15: Regulatory information

National legislation

Regulation under the Occupational Safety and Health Act
A Material Safety Datasheet (MSDS) has to be prepared and provided for this product according to article 41 of ISHA.

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Chemical name</th>
<th>Threshold limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harmful Substances Prohibited from Manufacturing</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Harmful Substances Required Permission for Manufacture</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

Act on the Registration and Evaluation, etc. of Chemical Substances, Chemicals Control Act

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Chemical name</th>
<th>Threshold limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxic Chemicals</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Prohibited Chemicals</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Restricted Chemicals</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Toxic Release Inventory</td>
<td>toluene</td>
<td>&gt;= 1 %</td>
</tr>
</tbody>
</table>

Dangerous Substances Safety Management Act

Dangerous Substances: Flammable liquids, Type 1 petroleums, Water insoluble liquid

Notification status

Europe REACH: This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EU) No. 1907/2006 (REACH).
United States of America (USA) TSCA:
Canada DSL: All components of this product are on the Canadian DSL
Further information

Legacy SDS Number : 3476

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.

<table>
<thead>
<tr>
<th>Key or legend to abbreviations and acronyms used in the safety data sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
</tr>
<tr>
<td>AICS</td>
</tr>
<tr>
<td>DSL</td>
</tr>
<tr>
<td>NDSL</td>
</tr>
<tr>
<td>CNS</td>
</tr>
<tr>
<td>CAS</td>
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