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

Product information

Product Name: Benzene
Material: 1098293, 1059192, 1059060, 1037212, 1037213, 1037103, 1029170, 1037104, 1015526, 1016960

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 1.800.424.9300 (within USA and Canada) or 703.527.3887 (outside USA and Canada)
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
OSHA Hazards: Flammable Liquid, Aspiration hazard, Carcinogen, Moderate skin irritant, Moderate eye irritant, Mutagen, Target Organ Effects

Color: Clear, Colorless
Odor: sweet, distinct

Classification
SDS Number: 100000068511
SAFETY DATA SHEET

Benzene

Version 1.9

Revision Date 2016-01-08

: Flammable liquids, Category 2
Skin irritation, Category 2
Eye irritation, Category 2A
Germ cell mutagenicity, Category 1B
Carcinogenicity, Category 1A
Specific target organ systemic toxicity - repeated exposure, Category 1, Blood
Aspiration hazard, Category 1

Labeling

Symbol(s): [Flammable, Skin Irritation, Eye Irritation]
Signal Word: Danger

Hazard Statements: H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H340: May cause genetic defects.
H350: May cause cancer.
H372: Causes damage to organs (Blood) 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.
P260 Do not breathe dust/fume/gas/mist/vapor/spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection/face protection.
P281 Use personal protective equipment as required.

Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/
Benzene

Carcinogenicity:

IARC  Group 1: Carcinogenic to humans
Benzene  71-43-2

NTP  Known to be human carcinogen
Benzene  71-43-2

ACGIH  Confirmed human carcinogen
Benzene  71-43-2

SECTION 3: Composition/information on ingredients

| Synonyms | : Aromatic Benzene  
|          | Benzol  
|          | Cyclohexatriene  
|          | Phene  
|          | Phenyl Hydride |

| Molecular formula | : C6H6 |

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>71-43-2</td>
<td>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. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.

If inhaled  : If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

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. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
## SECTION 5: Firefighting measures

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>-11 °C (12 °F) Method: Tag closed cup</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>498 °C (928 °F)</td>
</tr>
<tr>
<td>Suitable extinguishing media</td>
<td>Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.</td>
</tr>
<tr>
<td>Unsuitable extinguishing media</td>
<td>High volume water jet.</td>
</tr>
<tr>
<td>Specific hazards during fire fighting</td>
<td>Do not allow run-off from fire fighting to enter drains or water courses.</td>
</tr>
<tr>
<td>Special protective equipment for fire-fighters</td>
<td>Wear self-contained breathing apparatus for firefighting if necessary.</td>
</tr>
<tr>
<td>Further information</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 containers. Use a water spray to cool fully closed containers.</td>
</tr>
<tr>
<td>Fire and explosion protection</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>Hazardous decomposition products</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

## SECTION 6: Accidental release measures

<table>
<thead>
<tr>
<th>Precaution</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions</td>
<td>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.</td>
</tr>
<tr>
<td>Environmental precautions</td>
<td>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.</td>
</tr>
<tr>
<td>Methods for cleaning up</td>
<td>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).</td>
</tr>
</tbody>
</table>
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. Provide sufficient air exchange and/or exhaust in work rooms. Container may be opened only under exhaust ventilation hood. 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". 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. Container may be opened only under exhaust ventilation hood. 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
**Benzene**

**Version 1.9**

**Revision Date 2016-01-08**

### US Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Basis</th>
<th>Value</th>
<th>Control parameters</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>ACGIH TWA</td>
<td>0.5 ppm</td>
<td>BEI, A1, Skin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH STEL</td>
<td>2.5 ppm</td>
<td>BEI, A1, Skin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1 A TWA</td>
<td>1 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1 A CEIL</td>
<td>5 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA Z-2 Peak</td>
<td>50 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA 29 CFR 1910.1028(a) TWA</td>
<td>1 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA 29 CFR 1910.1028(c) STEL</td>
<td>5 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA CARC PEL</td>
<td>1 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA CARC STEL</td>
<td>5 ppm</td>
<td></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.

A1 Confirmed human carcinogen

BEI Substances for which there is a Biological Exposure Index or Indices (see BEI® section)

Skin Danger of cutaneous absorption

### Immediately Dangerous to Life or Health Concentrations (IDLH)

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>71-43-2</td>
<td>Immediately Dangerous to Life or Health Concentration Value 500 ppm</td>
<td>1995-03-01</td>
</tr>
</tbody>
</table>

### 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.

### 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 work-place. Wear as appropriate: Flame retardant
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
Physical state: Liquid
Color: Clear, Colorless
Odor: sweet, distinct

Safety data
Flash point: -11 °C (12 °F)
Method: Tag closed cup
Lower explosion limit: 1.2 %(V)
Upper explosion limit: 7.8 %(V)
Oxidizing properties: no
Autoignition temperature: 498 °C (928 °F)
Molecular formula: C6H6
Molecular weight: 78.12 g/mol
pH: Not applicable
Pour point: No data available
Boiling point/boiling range: 80 °C (176 °F)
Vapor pressure: 75.00 MMHG at 20 °C (68 °F)
Relative density: 0.88 at 25 °C (77 °F)
Water solubility: 1.88 g/l at 23.5 °C (74.3 °F)
Partition coefficient: n-octanol/water: log Pow: 2.13
Relative vapor density: 2.77 (Air = 1.0)
Evaporation rate: 2.8
Percent volatile: > 99 %

Other information
SDS Number: 100000068511
SAFETY DATA SHEET

Benzene

Conductivity: < 50 pSm at 20 °C

SECTION 10: Stability and reactivity

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: No data available

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

SECTION 11: Toxicological information

Acute oral toxicity
Benzene: LD50: > 2,000 mg/kg
Species: Rat
Sex: female

Acute inhalation toxicity
Benzene: LC50: 44.5 mg/l
Exposure time: 4 h
Species: Rat
Sex: Not Specified
Test atmosphere: vapor

Acute dermal toxicity
Benzene: LD50: > 8,260 mg/kg
Species: Rabbit

Skin irritation: May cause skin irritation in susceptible persons.

Eye irritation: May cause irreversible eye damage.

Sensitization
## Benzene

### Repeated dose toxicity

**Benzene**
- **Species:** Rat, female
- **Sex:** female
- **Application Route:** oral gavage
- **Dose:** 0, 25, 50, 100 mg/kg
- **Exposure time:** 103 wk
- **Number of exposures:** 5 d/wk
- **NOEL:** < 25 mg/kg
- **Lowest observable effect level:** 25 mg/kg

**Benzene**
- **Species:** Rat, male
- **Sex:** male
- **Application Route:** oral gavage
- **Dose:** 0, 50, 100, 200 mg/kg
- **Exposure time:** 103 wk
- **Number of exposures:** 5 d/wk
- **NOEL:** < 50 mg/kg
- **Lowest observable effect level:** 50 mg/kg

**Benzene**
- **Species:** Mouse
- **Application Route:** oral gavage
- **Dose:** 0, 25, 50, 100 mg/kg
- **Exposure time:** 103 wk
- **NOEL:** < 25 mg/kg

### Carcinogenicity

**Benzene**
- **Species:** Rat
- **Sex:** female
- **Dose:** 0, 25, 50, 250 mg/kg
- **Exposure time:** 103 wks
- **Number of exposures:** daily, 5 days/week
- **Test substance:** yes
- **Remarks:** zymbal gland carcinomas, squamous cell papillomas

**Benzene**
- **Species:** Rat
- **Sex:** male
- **Dose:** 0, 50, 100, 200 mg/kg
- **Exposure time:** 103 wks
- **Number of exposures:** daily, 5 days/week
- **Test substance:** yes
- **Remarks:** zymbal gland carcinomas, squamous cell papillomas

**Benzene**
- **Species:** Mouse
- **Sex:** male and female
- **Dose:** 25, 50, 100 mg/kg
- **Exposure time:** 103 wks
- **Number of exposures:** daily, 5 days/week
- **Test substance:** yes
- **Remarks:** Clear evidence of multiple organ carcinogenicity.

### Aspiration toxicity

**Benzene**
- **Remarks:** 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**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Carcinogenicity</th>
<th>Mutagenicity</th>
<th>Teratogenicity</th>
<th>Reproductive toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>Human carcinogen.</td>
<td>In vivo tests showed mutagenic effects</td>
<td>Did not show teratogenic effects in animal experiments.</td>
<td>Animal testing did not show any effects on fertility.</td>
</tr>
</tbody>
</table>

**Further information**

- Chronic Health Hazard.
- Solvents may degrease the skin.

**SECTION 12: Ecological information**

**Toxicity to fish**

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50</th>
<th>Exposure time</th>
<th>Species</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>5.3 mg/l</td>
<td>96 h</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>OECD Test Guideline 203</td>
</tr>
</tbody>
</table>

**Toxicity to daphnia and other aquatic invertebrates**

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50</th>
<th>Exposure time</th>
<th>Species</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>10 mg/l</td>
<td>48 h</td>
<td>Daphnia magna (Water flea)</td>
<td>OECD Test Guideline 202</td>
</tr>
</tbody>
</table>

**Toxicity to algae**

<table>
<thead>
<tr>
<th>Substance</th>
<th>ErC50</th>
<th>Exposure time</th>
<th>Species</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>100 mg/l</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata (green algae)</td>
<td>OECD Test Guideline 201</td>
</tr>
</tbody>
</table>

**Ecotoxicology Assessment**

- **Acute aquatic toxicity**
  - Benzene: Toxic to aquatic life.

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

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.

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 courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

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)
UN1114, BENZENE, 3, II, RQ (BENZENE)

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)
UN1114, BENZENE, 3, II, (-11 °C)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)
UN1114, BENZENE, 3, II

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))
### Benzene

**UN1114, BENZENE, 3, II, (D/E)**

**RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))**
UN1114, BENZENE, 3, II

**ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)**
UN1114, BENZENE, 3, II

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

**Other information**
- Benzene and mixtures having 10% Benzene or more, S.T. 3, Cat.Y

## SECTION 15: Regulatory information

### National legislation

#### CERCLA Reportable Quantity
- **10 lbs**
  - Benzene

#### SARA 302 Reportable Quantity
- This material does not contain any components with a SARA 302 RQ.

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

#### SARA 304 Reportable Quantity
- This material does not contain any components with a section 304 EHS RQ.

#### SARA 313 Ingredients
- The following components are subject to reporting levels established by SARA Title III, Section 313:
  - Benzene - 71-43-2

### 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):
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):

- Benzene - 71-43-2

US State Regulations

- Pennsylvania Right To Know: Benzene - 71-43-2
- New Jersey Right To Know: Benzene - 71-43-2
- 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 KECI: 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: 2
Fire Hazard: 3
Reactivity Hazard: 0

SDS Number:1000000068511
**Further information**

*Legacy SDS Number*: CPC00091

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>
<th>ACGIH</th>
<th>American Conference of Government Industrial Hygienists</th>
<th>LD50</th>
<th>Lethal Dose 50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>AICS</td>
<td>Australia, Inventory of Chemical Substances</td>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
<td></td>
</tr>
<tr>
<td>DSL</td>
<td>Canada, Domestic Substances List</td>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
<td></td>
</tr>
<tr>
<td>NDSL</td>
<td>Canada, Non-Domestic Substances List</td>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
<td></td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
<td>NTP</td>
<td>National Toxicology Program</td>
<td></td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
<td>NZIoC</td>
<td>New Zealand Inventory of Chemicals</td>
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