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

Product Name: Diesel No. 2 Test Fuel
Material: 1101406, 1117144, 1114932, 1114380, 1111796, 1111792, 1111793, 1111721, 1108397, 1097307, 1096433, 1083233, 1096612, 1084817, 1097324, 1097322, 1097310, 1089768, 1079939, 1097309, 1090864, 1077073, 1077061, 1090863, 1069145, 110027, 1099634, 1090866, 1099603, 1090314, 1097785, 1087561, 1092489, 1076410, 1102501, 1097387, 1090432, 1090433, 1100452, 1097386, 1078988, 1017963, 1017962, 1036152, 1024299, 1024300, 1017964, 1024301, 1017977, 1024303, 1017981, 1017980, 1017965, 1017978, 1017967, 1017966, 1017979, 1024297, 1024293, 1029744, 1024292, 1017982, 1024294, 1024296, 1024302, 1024304, 1024309, 1024308, 1024307, 1024306, 1024295, 1024305, 1024298, 1029490, 1104964, 1104939, 1104952, 1104938, 1104963, 1104956, 1104955, 1104953

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)
Diesel No. 2 Test Fuel

SECTION 2: Hazards identification

Classification of the substance or mixture
Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Classification:
- Flammable liquids, Category 3
- Acute toxicity, Category 4, Inhalation
- Skin irritation, Category 2
- Carcinogenicity, Category 2
- Specific target organ systemic toxicity - repeated exposure, Category 2, Liver, Hematopoietic system
- Aspiration hazard, Category 1
- Chronic aquatic toxicity, Category 2

Labeling:

Symbol(s):

Signal Word:
Danger

Hazard Statements:
- H226: Flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H332: Harmful if inhaled.
- H351: Suspected of causing cancer.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:
- P201: Obtain special instructions before use.
- P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P260: Do not breathe dust/fume/gas/mist/vapor/spray.
- P273: Avoid release to the environment.

Response:
- P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P321: Specific treatment (see supplemental first aid instructions on this label).
- P331: Do NOT induce vomiting.
- P362: Take off contaminated clothing and wash before reuse.
- P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
SECTION 3: Composition/information on ingredients

**Synonyms:**
- Diesel 0.05 LS Emiss Cert Test Fuel- Cummins
- Diesel CEC (RF-73-T-90)
- Diesel Reference Fuels, Diesel Cert Fuel, Oil Classification Diesel
- Diesel 2007 Emission Certification Fuel
- Diesel Euro-II Cert Fuel
- Diesel Euro-IV Cert Fuel
- Diesel 0.05 LS Emiss Cert Test Fuel- ITE
- PC-10 Diesel Test Fuel
- Locomotive Diesel Certification Fuel
- Diesel Euro-III Cert Fuel
- Diesel Special Test Fuel
- Diesel CEC (RF-03-A-84)
- Ultra High Cetane Check Fuel (ASTM) Diesel
- Diesel 2004 Tier 2 Fuel
- 0.05% Sulfur Diesel Fuel - JASO
- No Sulfur (less than 3 PPM) Diesel Test Fuel
- Diesel Caterpillar F173
- Diesel Caterpillar 1E2973
- Caterpillar China Certification Diesel Fuel Stage II

**Molecular formula:** UVCB

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration</th>
<th>KECI Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel fuel</td>
<td>68476-34-6</td>
<td>100%</td>
<td>KE-17287</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>91-20-3</td>
<td>0 % - 1%</td>
<td>KE-25545</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. Do not leave the victim unattended.

**If inhaled:** Keep respiratory tract clear. 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. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.
### SECTION 5: Firefighting measures

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>47 °C (117 °F)</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Suitable extinguishing media</td>
<td>Dry chemical. Carbon dioxide (CO2). Alcohol-resistant foam.</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 containments. 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). Keep away from open flames, hot surfaces and sources of ignition.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Hydrocarbons. Carbon oxides.</td>
</tr>
</tbody>
</table>

### SECTION 6: Accidental release measures

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions</td>
<td>Use personal protective equipment. 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**
Diesel No. 2 Test Fuel

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors/dust. 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. Only add small quantities of acids and bases to water, never the opposite. Always use stirring. 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). 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>Naphthalene</td>
<td>KR OEL</td>
<td>TWA</td>
<td>10 ppm, 50 mg/m³</td>
<td>carc 2, Skin,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>15 ppm, 75 mg/m³</td>
<td>carc 2, Skin,</td>
</tr>
</tbody>
</table>

KR

Engineering measures:

Adequate ventilation and/or engineering controls when product is heated in processing. 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.

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 according to the amount and concentration of the dangerous substance at the work place. Wear as appropriate: Flame retardant antistatic protective clothing. Skin should be washed after contact. 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**

- Form : Liquid
- Physical state : Liquid
- Color : Pale yellow to brown (if undyed), red to purple (dyed)
- Odor : Mild

**Safety data**

- Flash point : 47 °C (117 °F) minimum
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Oxidizing properties : no
- Autoignition temperature : No data available
- Molecular formula : UVCB
- Molecular weight : Not applicable
- pH : Not applicable
- Pour point : No data available
- Boiling point/boiling range : 191 - 343 °C (376 - 649 °F)
- Vapor pressure : No data available
- Relative density : 0.87 at 16 °C (61 °F)
- Density : 0.75 - 0.90 g/cm3
**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**: Hydrocarbons, Carbon oxides
- **Other data**: No decomposition if stored and applied as directed.

**SECTION 11: Toxicological information**

**Acute oral toxicity**

- **Diesel fuel**: LD50: > 5,000 mg/kg
  - Species: Rat
  - Sex: male and female
  - Method: OECD Test Guideline 401
- **Naphthalene**: LD50: 500 mg/kg
  - Method: Converted acute toxicity point estimate

**Acute inhalation toxicity**

- **Diesel fuel**: LC50: 4.1 mg/l
  - Exposure time: 4 h
  - Species: Rat
  - Sex: male and female
  - Test atmosphere: dust/mist
  - Method: OECD Test Guideline 403
  - Test substance: yes
Acute dermal toxicity
Diesel fuel: LD50 Dermal: > 4,300 mg/kg
Species: Rabbit
Sex: male and female
Test substance: yes

Skin irritation
Diesel fuel: Irritating to skin.
Naphthalene: No skin irritation

Eye irritation
Diesel fuel: No eye irritation
Naphthalene: No eye irritation

Sensitization
Diesel fuel: Did not cause sensitization on laboratory animals.
Naphthalene: Classification: Did not cause sensitization on laboratory animals.

Repeated dose toxicity
Diesel fuel: Species: Rat, Male and female
Sex: Male and female
Application Route: Dermal
Dose: 0, 30, 125, 500 mg/kg
Exposure time: 13 wks
Number of exposures: daily, 5 days/week
NOEL: 30 mg/kg
Method: OECD Guideline 411
Target Organs: Thymus, Liver, Bone marrow
Information given is based on data obtained from similar substances.

Species: Rat, Male and female
Sex: Male and female
Application Route: inhalation (dust/mist/fume)
Dose: 0, 0.35, 0.88, 1.71 mg/l
Exposure time: 13 wks
Number of exposures: Twice/wk
NOEL: > 1.71 mg/l
Method: OECD Guideline 413

Carcinogenicity
Diesel fuel: Species: Mouse
Sex: male
Dose: 0, 25 ul
Exposure time: lifetime
Number of exposures: 3 times/wk
Naphthalene
Species: Mouse
Sex: male
Dose: 10, 30 ppm
Exposure time: 105 weeks
Number of exposures: 6 hours/day, 5 days/week
Test substance: yes
Print Date: No information available.
Remarks: Moderate dermal carcinogen

Species: Mouse
Sex: female
Dose: 10, 30 ppm
Exposure time: 105 weeks
Number of exposures: 6 hours/day, 5 days/week
Test substance: yes
Print Date: No information available.
Remarks: No evidence of carcinogenicity

Species: Mouse
Sex: male and female
Dose: 10, 30, 60 ppm
Exposure time: 105 weeks
Number of exposures: 6 hours/day, 5 days/week
Test substance: yes
Print Date: No information available.
Remarks: increased incidence of alveolar/bronchiolar adenomas

Species: Rat
Sex: male and female
Dose: 10, 30, 60 ppm
Exposure time: 105 weeks
Number of exposures: 6 hours/day, 5 days/week
Test substance: yes
Print Date: No information available.
Remarks: nose respiratory epithelial adenoma, increased incidence of olfactory neuroblastomas

Developmental Toxicity
Diesel fuel
Species: Rat
Application Route: Inhalation
Dose: 0, 86.9, 408.8 ppm
Number of exposures: 6 h/d
Test period: GD 6-15
Method: OECD Guideline 414
NOAEL Teratogenicity: 408.8 ppm
NOAEL Maternal: 408.8 ppm
Information given is based on data obtained from similar substances.

Species: Rat
Application Route: Dermal
Dose: 30, 125, 500, 1000 mg/kg
Exposure time: daily
Test period: GD 0-20
Method: OECD Guideline 414
NOAEL Teratogenicity: 125 mg/kg
Information given is based on data obtained from similar substances.

Naphthalene
Species: Rabbit
Application Route: oral gavage
Dose: 40, 200, 400 mg/kg
Test period: 29 d, GD 6-18
NOAEL Teratogenicity: 400 mg/kg
Diesel No. 2 Test Fuel

Aspiration toxicity: May be fatal if swallowed and enters airways.

CMR effects

Diesel fuel: Carcinogenicity: Limited evidence of carcinogenicity in animal studies
Teratogenicity: Animal testing did not show any effects on fetal development.

Naphthalene: Carcinogenicity: Limited evidence of carcinogenicity in animal studies

Diesel No. 2 Test Fuel
Further information: Solvents may degrease the skin.

SECTION 12: Ecological information

Toxicity to fish

Diesel fuel: LL50: 3.2 mg/l
Exposure time: 96 h
Species: Menidia beryllina (Silverside)
semi-static test Method: EPA/600/4-90/027

Naphthalene: LC50: 3.2 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates

Diesel fuel: EC50: 68 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202

Naphthalene: LC50: 2.16 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

Toxicity to algae

Diesel fuel: EbC50: 10 mg/l
Exposure time: 72 h
Species: Raphidocellus subcapitata (algae)
static test Analytical monitoring: no
Method: OECD Test Guideline 201

Naphthalene: EC50: 2.96 mg/l
Exposure time: 48 h
Species: Selenastrum capricornutum (algae)
Diesel No. 2 Test Fuel

Biodegradability

Diesel fuel : aerobic
Result: Not readily biodegradable.
57.5 %
Testing period: 28 d
Method: OECD Test Guideline 301F

Ecotoxicology Assessment

Acute aquatic toxicity
Diesel fuel : Toxic to aquatic life.
Naphthalene : Very toxic to aquatic life.

Chronic aquatic toxicity
Diesel fuel : Toxic to aquatic life with long lasting effects.
Naphthalene : Very toxic to aquatic life with long lasting effects.

Results of PBT assessment
Diesel fuel : Non-classified PBT substance, Non-classified vPvB substance

Additional ecological information
: 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 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.
**SECTION 15: Regulatory information**

**Regulation under the Occupational Safety and Health Act**
A Material Safety Datasheet (MSDS) for this product is not required according to article 41 of the 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 relevant</td>
<td></td>
</tr>
<tr>
<td>Harmful Substances Required Permission for Manufacture</td>
<td>Not relevant</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>
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</tr>
<tr>
<td>Prohibited Chemicals</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>Observational chemicals</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>Restricted Chemicals</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>Toxic Release Inventory</td>
<td>naphthalene</td>
<td>&gt; 0.1 %</td>
</tr>
</tbody>
</table>
Notification status
Europe REACH : This mixture contains only ingredients which have been registered according to Regulation (EU) No. 1907/2006 (REACH).
United States of America (USA) TSCA : On TSCA Inventory
Canada DSL : All components of this product are on the Canadian DSL
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

Further information
Legacy SDS Number : CPC00523

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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Government Industrial Hygienists</td>
</tr>
<tr>
<td>LD50</td>
<td>Lethal Dose 50%</td>
</tr>
<tr>
<td>AICS</td>
<td>Australia, Inventory of Chemical Substances</td>
</tr>
<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>DSL</td>
<td>Canada, Domestic Substances List</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
</tr>
<tr>
<td>NDSL</td>
<td>Canada, Non-Domestic Substances List</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
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<tr>
<td>NZIoC</td>
<td>New Zealand Inventory of Chemicals</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
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<tr>
<td>EGEST</td>
<td>EOSCA Generic Exposure Scenario Tool</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>EOSCA</td>
<td>European Oilfield Specialty Chemicals Association</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
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<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
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<tr>
<td>PICCS</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
</tr>
<tr>
<td>MAK</td>
<td>Germany Maximum Concentration Values</td>
</tr>
<tr>
<td>PRNT</td>
<td>Presumed Not Toxic</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation Recovery Act</td>
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</table>

SDS Number:100000013879
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Acronym</th>
<th>Definition</th>
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<tbody>
<tr>
<td>&gt;=</td>
<td>Greater Than or Equal To</td>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>IC50</td>
<td>Inhibition Concentration 50%</td>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act.</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>IECSC</td>
<td>Inventory of Existing Chemical Substances in China</td>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>ENCS</td>
<td>Japan, Inventory of Existing and New Chemical Substances</td>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>KECI</td>
<td>Korea, Existing Chemical Inventory</td>
<td>UVCB</td>
<td>Unknown or Variable Composition, Complex Reaction Products, and Biological Materials</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less Than or Equal To</td>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
<td></td>
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