D-2887 Gas-Oil Reference Standard

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

Product information
Product Name: D-2887 Gas-Oil Reference Standard
Material: 1017424, 1017425, 1017426

Use: Reference Fuel

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: 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
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.

Classification
Flammable liquids, Category 3
Acute toxicity, Category 4, Inhalation
Carcinogenicity, Category 1B
Reproductive toxicity, Category 2
Specific target organ systemic toxicity - repeated exposure, Category 2, Dermal, Liver
Aspiration hazard, Category 1
Labeling

Symbol(s): ![Flammable](image)

Signal Word: Danger

Hazard Statements:
- H226: Flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H332: Harmful if inhaled.
- H350: May cause cancer.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs (Liver) through prolonged or repeated exposure in contact with skin.

Precautionary Statements:

**Prevention:**
- P201 Obtain special instructions before use.
- 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.
- 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/doctor.
- 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/doctor if you feel unwell.
- P308 + P313 IF exposed or concerned: Get medical advice/attention.
- P331 Do NOT induce vomiting.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**
- 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:**

**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

Known to be human carcinogen
Gas Oil, Full Range 68783-08-4
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.

SECTION 3: Composition/information on ingredients

Synonyms : None Established
Molecular formula : UVCB

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas Oil, Full Range</td>
<td>68783-08-4</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 : 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. 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. Take victim immediately to hospital.

SECTION 5: Firefighting measures

Flash point : 50 °C (122 °F)
Method: Tag closed cup

Autoignition temperature : No data available

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

Unsuitable extinguishing media : High volume water jet.

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
D-2887 Gas-Oil Reference Standard

**SAFETY DATA SHEET**

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<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). Keep away from open flames, hot surfaces and sources of ignition.</td>
</tr>
<tr>
<td><strong>Hazardous decomposition products</strong></td>
<td>Hydrocarbons. Carbon oxides.</td>
</tr>
</tbody>
</table>

**SECTION 6: Accidental release measures**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Personal precautions</strong></td>
</tr>
<tr>
<td><strong>Environmental precautions</strong></td>
</tr>
<tr>
<td><strong>Methods for cleaning up</strong></td>
</tr>
</tbody>
</table>

**SECTION 7: Handling and storage**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Handling</strong></td>
</tr>
<tr>
<td><strong>Advice on protection against fire and explosion</strong></td>
</tr>
</tbody>
</table>

SDS Number: 100000014069
**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**

**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, Dusts and Mists. 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.

**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**

SDS Number:100000014069
### D-2887 Gas-Oil Reference Standard

**Form**: Liquid  
**Physical state**: Liquid  
**Color**: Yellow-brown  
**Odor**: Mild  
**Odor Threshold**: No data available

#### Safety data

- **Flash point**: 50 °C (122 °F)  
  Method: Tag closed cup

- **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

- **Freezing point**: No data available

- **Pour point**: No data available

- **Boiling point/boiling range**: 115 - 475 °C (239 - 887 °F)

- **Vapor pressure**: No data available

- **Relative density**: 0.848  
  at 16 °C (61 °F)

- **Density**: No data available

- **Water solubility**: Negligible

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

- **Viscosity, kinematic**: 3.9 mm²/s  
  at 40 °C (104 °F)

- **Relative vapor density**: 3  
  (Air = 1.0)

- **Evaporation rate**: < 1

---

**SECTION 10: Stability and reactivity**

SDS Number:100000014069  
6/13
### D-2887 Gas-Oil Reference Standard

**Version 1.2**

**Revision Date 2018-07-19**

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Possibility of hazardous reactions</strong></td>
<td></td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Heat, flames and sparks.</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.</td>
</tr>
</tbody>
</table>
| Hazardous decomposition products | Hydrocarbons  
Carbon oxides  |
| Other data          | No decomposition if stored and applied as directed.                                                                             |

### SECTION 11: Toxicological information

#### Acute oral toxicity

Gas Oil, Full Range:  
- LD50: 5,270 mg/kg  
  - Species: Rat  
  - Sex: male  
  - Method: OECD Test Guideline 401
- LD50: 4,320 mg/kg  
  - Species: Rat  
  - Sex: female  
  - Method: OECD Test Guideline 401

#### Acute inhalation toxicity

Gas Oil, Full Range:  
- LC50: 4.1 mg/l  
  - Exposure time: 4 h  
  - Species: Rat  
  - Sex: male and female  
  - Test atmosphere: dust/mist  
  - Test substance: yes

### D-2887 Gas-Oil Reference Standard

**Skin irritation**: May cause skin irritation and/or dermatitis.

### D-2887 Gas-Oil Reference Standard

**Eye irritation**: Vapors may cause irritation to the eyes, respiratory system and the skin.

**Sensitization**: Did not cause sensitization on laboratory animals. Information given is based on data obtained from similar substances.

### Repeated dose toxicity

Gas Oil, Full Range:  
- Species: Rat, Male and female  
  - Sex: Male and female
**Developmental Toxicity**

<table>
<thead>
<tr>
<th>Gas Oil, Full Range</th>
<th>Species: Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Route: Dermal</td>
<td></td>
</tr>
<tr>
<td>Dose: 0, 8, 30, 125, 500 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Number of exposures: daily</td>
<td></td>
</tr>
<tr>
<td>Test period: GD 0-19</td>
<td></td>
</tr>
<tr>
<td>Test substance: yes</td>
<td></td>
</tr>
<tr>
<td>NOAEL Teratogenicity: 0.05 mg/kg</td>
<td></td>
</tr>
<tr>
<td>NOAEL Maternal: 0.05 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

**D-2887 Gas-Oil Reference Standard**

**Aspiration toxicity**

| May be fatal if swallowed and enters airways. |

**CMR effects**

<table>
<thead>
<tr>
<th>Gas Oil, Full Range</th>
<th>Carcinogenicity: Possible human carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity: Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.</td>
<td></td>
</tr>
</tbody>
</table>

**D-2887 Gas-Oil Reference Standard**

**Further information**

| Solvents may degrease the skin. |

### SECTION 12: Ecological information

**Toxicity to fish**

<table>
<thead>
<tr>
<th>Gas Oil, Full Range</th>
<th>LL50: 79 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure time: 96 h</td>
<td></td>
</tr>
<tr>
<td>Species: Salmo gairdneri (Rainbow trout) semi-static test Method: OECD Test Guideline 203</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity to daphnia and other aquatic invertebrates**

<table>
<thead>
<tr>
<th>Gas Oil, Full Range</th>
<th>EL50: 0.22 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure time: 48 h</td>
<td></td>
</tr>
<tr>
<td>Species: Daphnia magna (Water flea) static test Method: OECD Test Guideline 202</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity to algae**

<table>
<thead>
<tr>
<th>Gas Oil, Full Range</th>
<th>ErL50: 0.32 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure time: 72 h</td>
<td></td>
</tr>
<tr>
<td>Species: Pseudokirchneriella subcapitata (algae) static test Method: OECD Test Guideline 201</td>
<td></td>
</tr>
</tbody>
</table>
Elimination information (persistence and degradability)

Biodegradability: This material is not expected to be readily biodegradable.

Ecotoxicology Assessment

Acute aquatic toxicity
Gas Oil, Full Range: Very toxic to aquatic life.

Chronic aquatic toxicity
Gas Oil, Full Range: Very toxic to aquatic life with long lasting effects.

Additional ecological information
Gas Oil, Full Range: 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 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)
UN1202, DIESEL FUEL, 3, III

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)
UN1202, DIESEL FUEL, 3, III, (50 °C), MARINE POLLUTANT, (GAS OIL, FULL RANGE)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)
D-2887 Gas-Oil Reference Standard

UN1202, DIESEL FUEL, 3, III

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))
UN1202, DIESEL FUEL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS, (GAS OIL, FULL RANGE)

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))
UN1202, DIESEL FUEL, 3, III, ENVIRONMENTALLY HAZARDOUS, (GAS OIL, FULL RANGE)

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)
UN1202, DIESEL FUEL, 3, III, ENVIRONMENTALLY HAZARDOUS, (GAS OIL, FULL RANGE)

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

SECTION 15: Regulatory information

National legislation

SARA 311/312 Hazards: Flammable (gases, aerosols, liquids, or solids)
Acute toxicity (any route of exposure)
Carcinogenicity
Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)
Aspiration hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO – KNOW

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

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

SARA 302 Threshold Planning Quantity: This material does not contain any components with a section 302 EHS TPQ.

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

SDS Number:100000014069 10/13
SARA 313 Ingredients: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (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).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC’s (40 CFR 60.489).

US State Regulations

Pennsylvania Right To Know: Gas Oil, Full Range - 68783-08-4

California Prop. 65 Ingredients: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Notification status

Europe REACH: Not in compliance with the inventory
United States of America (USA) 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: Not in compliance with the inventory
Japan ENCS: Not in compliance with the inventory
Korea KECI: On the inventory, or in compliance with the inventory
Philippines PICCS: Not in compliance with the inventory
NFPA Classification: Health Hazard: 1
Fire Hazard: 2
Reactivity Hazard: 0

Further information
Legacy SDS Number: 46830

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>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
</tr>
<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>
</tr>
<tr>
<td>&gt;=</td>
<td>Greater Than or Equal To</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>IC50</td>
<td>Inhibition Concentration 50%</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act.</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>IECSC</td>
<td>Inventory of Existing Chemicals</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>Substances in China</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>---</td>
</tr>
<tr>
<td>ENCS</td>
<td>Japan, Inventory of Existing and New Chemical Substances</td>
</tr>
<tr>
<td>KECI</td>
<td>Korea, Existing Chemical Inventory</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less Than or Equal To</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
</tr>
</tbody>
</table>

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
</tr>
<tr>
<td>UVCB</td>
</tr>
<tr>
<td>WHMIS</td>
</tr>
</tbody>
</table>