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

Product information
Product Name: AlphaPlus® C14-16 Blend
Material: 1115254, 1071133, 1102536, 1037023, 1037025, 1037020, 1037024, 1037022, 1037021

Company: Chevron Phillips Chemical Company LP
Normal Alpha Olefins (NAO)
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: Aspiration hazard, Category 1

Labeling
Symbol(s): 

Signal Word: Danger

Hazard Statements: H304: May be fatal if swallowed and enters airways.

Precautionary Statements:
Prevention: P280 Wear protective gloves/ eye protection/ face protection.
Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P331 Do NOT induce vomiting.
Storage: 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 No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3: Composition/information on ingredients

Molecular formula: Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Tetradecene</td>
<td>1120-36-1</td>
<td>0 - 80</td>
</tr>
<tr>
<td>1-Hexadecene</td>
<td>629-73-2</td>
<td>0 - 55</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: Move to fresh air. 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

SDS Number: 100000013074
### SECTION 5: Firefighting measures

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>110°C (230°F)</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>230°C (446°F) estimated</td>
</tr>
<tr>
<td>Unsuitable extinguishing media</td>
<td>High volume water jet.</td>
</tr>
<tr>
<td>Specific hazards during firefighting</td>
<td>Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</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>Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</td>
</tr>
<tr>
<td>Fire and explosion protection</td>
<td>Normal measures for preventive fire protection.</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>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions</td>
<td>Use personal protective equipment. Ensure adequate ventilation.</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>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.</td>
</tr>
</tbody>
</table>

### SECTION 7: Handling and storage

**Handling**

SDS Number: 100000013074
Advice on safe handling: Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers: Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8: Exposure controls/personal protection

Engineering measures

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: 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.

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

Skin and body protection: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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

Safety data

Flash point: 110°C (230°F)
**AlphaPlus® C14-16 Blend**

Lower explosion limit: 0.5 % (V)
Upper explosion limit: 5.6 % (V)
Oxidizing properties: No

Autoignition temperature: 230°C (446°F) estimated
Thermal decomposition: No data available

Molecular formula: Mixture
Molecular weight: Varies
pH: Not applicable
Pour point: No data available

Freezing point: -12-4°C (10-39°F)
Boiling point/boiling range: 250-280°C (482-536°F)
Vapor pressure: 1.00 MMHG
Relative density: 0.77
Density: 0.77 G/ML
Water solubility: Insoluble
Partition coefficient: n-octanol/water: No data available
Viscosity, kinematic: 1.3 - 1.9 cSt
Relative vapor density: 7.2 (Air = 1.0)
Evaporation rate: No data available

**SECTION 10: Stability and reactivity**

Reactivity: Stable at normal ambient temperature and pressure.
**AlphaPlus® C14-16 Blend**

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

**Possibility of hazardous reactions**

**Hazardous reactions**: Hazardous reactions: Hazardous polymerization does not occur.

Further information: No decomposition if stored and applied as directed.

Hazardous reactions: Reacts violently with water.

Further information: No decomposition if stored and applied as directed.

**Conditions to avoid**: No data available.

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

**Thermal decomposition**: No data available

**Hazardous decomposition products**: No data available

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

**SECTION 11: Toxicological information**

**Acute oral toxicity**

1-Hexadecene: LD50: 10 g/kg

Species: Rat

Sex: male and female

Method: OECD Test Guideline 401

Test substance: yes

**AlphaPlus® C14-16 Blend**

**Acute inhalation toxicity**

LC50: > 9.9 mg/l

Exposure time: 1 h

Species: Rat

Test atmosphere: dust/mist

Information given is based on data obtained from similar substances.

**Acute dermal toxicity**

1-Hexadecene: LD50: > 2020 mg/kg

Species: Rabbit

Sex: male and female

Information given is based on data obtained from similar substances.
AlphaPlus® C14-16 Blend

Skin irritation: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin. Information refers to the main ingredient.

Eye irritation: No eye irritation. Information refers to the main ingredient.

Sensitization: Did not cause sensitization on laboratory animals. Information refers to the main ingredient.

Repeated dose toxicity

1-Hexadecene
Species: Rat, Male and female
Sex: Male and female
Application Route: oral gavage
Dose: 100, 500, or 1000 mg/kg/day
Exposure time: 42-51 days
Number of exposures: Daily
NOEL: 1000 mg/kg bw/day
Method: OECD Guideline 422
Information given is based on data obtained from similar substances.
Species: Rat, male  
Sex: male  
Application Route: oral gavage  
Dose: 10, 101, 1010, 3365 mg/kg/day  
Exposure time: 4 weeks  
Number of exposures: 7 days/week  
NOEL: 101 mg/kg bw/day  
Method: OECD Test Guideline 407  
Target Organs: Stomach  
Information given is based on data obtained from similar substances.

Species: Rat, female  
Sex: female  
Application Route: oral gavage  
Dose: 10, 101, 1010, 3365 mg/kg/day  
Exposure time: 4 weeks  
Number of exposures: 7 days/week  
NOEL: 1010 mg/kg bw/day  
Method: OECD Test Guideline 407  
Information given is based on data obtained from similar substances.

Species: Rat, Male and female  
Sex: Male and female  
Application Route: oral gavage  
Dose: 100, 500, 1000 mg/kg/day  
Exposure time: 13 weeks  
Number of exposures: 7 days/week  
NOEL: 1000 mg/kg bw/day  
Information given is based on data obtained from similar substances.

Species: Rat, Male and female  
Sex: Male and female  
Application Route: Inhalation  
Dose: 300, 1000, 3000 ppm  
Exposure time: 13 weeks  
Number of exposures: 6 hrs/day, 5 days/week  
NOEL: 3000 ppm  
Information given is based on data obtained from similar substances.

Genotoxicity in vitro  
1-Tetradecene  
: Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: Mutagenicity (Escherichia coli - reverse mutation assay)  
Result: negative
### Genotoxicity in vivo

#### 1-Tetradecene
- Test Type: Micronucleus test
- Species: Mouse
- Method: Mutagenicity (micronucleus test)
- Result: negative

#### 1-Hexadecene
- Test Type: Micronucleus test
- Species: Mouse
- Dose: 1,000, 10,000, 25,000 ppm
- Result: negative

### Reproductive toxicity

#### 1-Tetradecene
- Species: Rat
- Sex: male
- Application Route: Oral diet
- Dose: 0, 100, 500, 1000 mg/kg
- Exposure time: 43-47 days
- Method: OECD Guideline 422
- NOAEL Parent: 1,000 mg/kg
- NOAEL F1: 1,000 mg/kg
**AlphaPlus® C14-16 Blend**

Species: Rat  
Sex: female  
Application Route: Oral diet  
Dose: 0, 100, 500, 1000 mg/kg  
Exposure time: 46-47 days  
Method: OECD Guideline 422  
NOAEL Parent: 1,000 mg/kg  
NOAEL F1: 1,000 mg/kg

**1-Hexadecene**  
Species: Rat  
Sex: female  
Application Route: oral gavage  
Dose: 100, 500, 1000 mg/kg/day  
Number of exposures: Daily  
Test period: 41 to 55 days  
Method: OECD Guideline 421  
NOAEL Parent: 1000 mg/kg bw/day  
NOAEL F1: 1000 mg/kg bw/day  
Information given is based on data obtained from similar substances.

Species: Rat  
Sex: male and female  
Application Route: oral gavage  
Dose: 100, 500, 1000 mg/kg/day  
Number of exposures: Daily  
Test period: 42-51 days  
Method: OECD Guideline 422  
NOAEL Parent: 1000 mg/kg bw/day  
NOAEL F1: 1000 mg/kg bw/day  
Information given is based on data obtained from similar substances.

**AlphaPlus® C14-16 Blend**  
**Aspiration toxicity**: May be fatal if swallowed and enters airways.

**CMR effects**  
**1-Tetradecene**: Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Reproductive toxicity: No toxicity to reproduction

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

**AlphaPlus® C14-16 Blend**  
**Further information**: Solvents may degrease the skin.

**SECTION 12: Ecological information**

**Toxicity to fish**
**Toxicity to daphnia and other aquatic invertebrates**

**1-Tetradecene**
- LL50: > 1,000 mg/l
- Exposure time: 96 h
- Species: Oncorhynchus mykiss (rainbow trout)
- Test substance: yes
- Method: OECD Test Guideline 203
- The product has low solubility in the test medium. An aqueous dispersion was tested.

**1-Hexadecene**
- LL50: > 1000 mg/L
- Exposure time: 96 h
- Species: Oncorhynchus mykiss (rainbow trout)
- Method: OECD Test Guideline 203
- The product has low solubility in the test medium. An aqueous dispersion was tested.

**Toxicity to algae**

**1-Tetradecene**
- EL50: > 1,000 mg/l
- Exposure time: 48 h
- Species: Daphnia magna (Water flea)
- Test substance: yes
- Method: OECD Test Guideline 202
- The product has low solubility in the test medium. An aqueous dispersion was tested.

**1-Hexadecene**
- EL50: < 1000 mg/L
- Exposure time: 48 h
- Species: Daphnia magna (Water flea)
- static test Method: OECD Test Guideline 202
- The product has low solubility in the test medium. An aqueous dispersion was tested.

**Biodegradability**
- This material is expected to be readily biodegradable.

**Elimination information (persistence and degradability)**

**Bioaccumulation**

**1-Hexadecene**
- Due to the distribution coefficient n-octanol/water,
SAFETY DATA SHEET

**AlphaPlus® C14-16 Blend**

**Version 1.8**

**Revision Date 2019-12-11**

**Mobility**

<table>
<thead>
<tr>
<th>Component</th>
<th>Mobility Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Tetradecene</td>
<td>No data available</td>
</tr>
<tr>
<td>1-Hexadecene</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Results of PBT assessment**

<table>
<thead>
<tr>
<th>Component</th>
<th>PBT Assessment Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Tetradecene</td>
<td>Non-classified PBT substance, Non-classified vPvB substance</td>
</tr>
<tr>
<td>1-Hexadecene</td>
<td>Non-classified PBT substance, Non-classified vPvB substance</td>
</tr>
</tbody>
</table>

**Additional ecological information**

<table>
<thead>
<tr>
<th>Information Type</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Ecotoxicology Assessment**

**Short-term (acute) aquatic hazard**

<table>
<thead>
<tr>
<th>Component</th>
<th>Ecotoxicity Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Tetradecene</td>
<td>This material is not expected to be harmful to aquatic organisms.</td>
</tr>
<tr>
<td>1-Hexadecene</td>
<td>This material is not expected to be harmful to aquatic organisms.</td>
</tr>
</tbody>
</table>

**Long-term (chronic) aquatic hazard**

<table>
<thead>
<tr>
<th>Component</th>
<th>Ecotoxicity Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Tetradecene</td>
<td>This material is not expected to be harmful to aquatic organisms.</td>
</tr>
<tr>
<td>1-Hexadecene</td>
<td>This material is not expected to be harmful to aquatic organisms.</td>
</tr>
</tbody>
</table>

**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>Type</th>
<th>Disposal Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.</td>
</tr>
<tr>
<td>Contaminated packaging</td>
<td>Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.</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).

**SDS Number:** 100000013074

**Date:** 12/16
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)**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)**
NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

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

**SECTION 15: Regulatory information**

<table>
<thead>
<tr>
<th>National legislation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 311/312 Hazards</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td>CERCLA Reportable Quantity</td>
<td>This material does not contain any components with a CERCLA RQ.</td>
</tr>
</tbody>
</table>
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 Components : 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 : No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know : No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components : 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 : This mixture contains only ingredients which have been registered according to Regulation (EU) No. 1907/2006 (REACH).

Switzerland CH INV : On the inventory, or in compliance with the inventory

United States of America (USA) TSCA : On or in compliance with the active portion of the 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 : A substance(s) in this product was not registered, notified to be registered, or exempted from registration by CPChem according to K-REACH regulations. Importation or manufacture of this product is still permitted provided the Korean Importer of Record has themselves notified the substance.

Philippines PICCS : On the inventory, or in compliance with the inventory

China IECSC : On the inventory, or in compliance with the inventory

Taiwan TCSI : On the inventory, or in compliance with the inventory

SECTION 16: Other information

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

Further information

Legacy SDS Number : 6748

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</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
</tr>
</tbody>
</table>

SDS Number:100000013074 15/16
## List

<table>
<thead>
<tr>
<th>List</th>
<th>NDSL</th>
<th>CNS</th>
<th>CAS</th>
<th>EC50</th>
<th>EC50</th>
<th>EGEST</th>
<th>EOSCA</th>
<th>EINECS</th>
<th>MAK</th>
<th>GHS</th>
<th>IC50</th>
<th>IARC</th>
<th>IECSC</th>
<th>ENCS</th>
<th>KECI</th>
<th>KECL</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>List</td>
<td>Canada, Non-Domestic Substances List</td>
<td>Central Nervous System</td>
<td>Chemical Abstract Service</td>
<td>Effective Concentration</td>
<td>Effective Concentration 50%</td>
<td>EOSCA Generic Exposure Scenario Tool</td>
<td>European Oilfield Specialty Chemicals Association</td>
<td>European Inventory of Existing Chemical Substances</td>
<td>Germany Maximum Concentration Values</td>
<td>Globally Harmonized System</td>
<td>Inhibition Concentration 50%</td>
<td>International Agency for Research on Cancer</td>
<td>Inventory of Existing Chemical Substances in China</td>
<td>Japan, Inventory of Existing and New Chemical Substances</td>
<td>Korea, Existing Chemical Inventory</td>
<td>Korea, Existing Chemical Inventory</td>
<td>Lethal Concentration 50%</td>
</tr>
<tr>
<td>List</td>
<td>NIOSH</td>
<td>NTP</td>
<td>NZIoC</td>
<td>NOAEL</td>
<td>NOEC</td>
<td>OSHA</td>
<td>PEL</td>
<td>PICCS</td>
<td>PRNT</td>
<td>RCRA</td>
<td>SARA</td>
<td>TLV</td>
<td>TWA</td>
<td>TSCA</td>
<td>UVCB</td>
<td>WHMIS</td>
<td>LC50</td>
</tr>
<tr>
<td>List</td>
<td>National Institute for Occupational Safety &amp; Health</td>
<td>National Toxicology Program</td>
<td>New Zealand Inventory of Chemicals</td>
<td>No Observable Adverse Effect Level</td>
<td>No Observed Effect Concentration</td>
<td>Occupational Safety &amp; Health Administration</td>
<td>Permissible Exposure Limit</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
<td>Presumed Not Toxic</td>
<td>Resource Conservation Recovery Act</td>
<td>Superfund Amendments and Reauthorization Act</td>
<td>Threshold Limit Value</td>
<td>Time Weighted Average</td>
<td>Toxic Substance Control Act</td>
<td>Unknown or Variable Composition, Complex Reaction Products, and Biological Materials</td>
<td>Workplace Hazardous Materials Information System</td>
<td>LC50</td>
</tr>
</tbody>
</table>