SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name**: Propyl acetate normal  
**Product Use Description**: Solvent.

**Manufacturer or supplier's details**

**Company**: Nexeo Solutions LLC  
**Address**: 3 Waterway Square Place Suite 1000  
Woodlands, Tx. 77380  
United States of America

**Emergency telephone number**:  
Health North America: 1-855-NEXEO4U (1-855-639-3648)  
Health International: 1-855-NEXEO4U (1-855-639-3648)  
Transport North America: CHEMTREC 800.424.9300

**Additional Information**:  
Responsible Party: Product Safety Group  
E-Mail: msds@nexeosolutions.com  
SDS Requests: 1-855-429-2661  
SDS Requests Fax: 1-281-500-2370  
Website: www.nexeosolutions.com

SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquids: Category 2  
Eye irritation: Category 2A  
Specific target organ toxicity - single exposure: Category 3 (Central nervous system)

**GHS Label element**

Hazard pictograms:  
- Flammability symbol
- Acute toxicity symbol

**Signal word**: Danger

**Hazard statements**:  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**:  
**Prevention**:  
P210 Keep away from heat, hot surfaces, sparks, open

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flames and other ignition sources. No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Aggravated Medical Condition : None known.

Symptoms of Overexposure :
- Dizziness
- Unconsciousness
- Headache
- Fatigue
- Nausea

Carcinogenicity:

IARC
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Emergency Overview

**WARNING!**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>mild, sweet, ester-like, fruit-like odor</td>
</tr>
<tr>
<td>Hazard Summary</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance

**Hazardous components**

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>109-60-4</td>
<td>Propyl acetate</td>
<td>90 - 100</td>
</tr>
</tbody>
</table>

Molecular formula : C5-H10-O2

**SECTION 4. FIRST AID MEASURES**

**General advice** : Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

**If inhaled** : Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

**In case of skin contact** : 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.
**Propyl acetate normal**

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. 
- If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed** 
- Dizziness 
- Unconsciousness 
- Headache 
- Fatigue 
- Nausea

**SECTION 5. FIREFIGHTING MEASURES**

**Suitable extinguishing media** 
- Alcohol-resistant foam 
- Carbon dioxide (CO2) 
- Dry chemical 
- Water spray

**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.

**Specific extinguishing methods** 
- Use a water spray to cool fully closed containers. 
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**Further information** 
- 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.

**Special protective equipment for firefighters** 
- In the event of fire, wear self-contained breathing apparatus. 
- Use personal protective equipment. 
- Exposure to decomposition products may be a hazard to health.

**NFPA Flammable and Combustible Liquids Classification:**
- Flammable Liquid Class IB
SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures | Use personal protective equipment.  
  Ensure adequate ventilation.  
  Remove all sources of ignition.  
  Evacuate personnel to safe areas.  
  Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental precautions | Prevent product from entering drains.  
  Prevent further leakage or spillage if safe to do so.  
  If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

SECTION 7. HANDLING AND STORAGE

| Advice on safe handling | Avoid formation of aerosol.  
  Do not breathe vapours/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 workrooms.  
  Open drum carefully as content may be under pressure.  
  Dispose of rinse water in accordance with local and national regulations. |
| Conditions for safe storage | No smoking.  
  Keep container tightly closed in a dry and well-ventilated place.  
  Containers which are opened must be carefully re-sealed 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

Components with workplace control parameters

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Components</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>109-60-4</td>
<td>Propyl acetate</td>
<td>TWA</td>
<td>200 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>250 ppm</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>200 ppm</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>200 ppm</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.

Hand protection Remarks: 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
Wear face-shield and protective suit for abnormal processing problems.

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

Appearance : liquid
Colour : colourless
Odour : mild, sweet, ester-like, fruit-like odor
Odour Threshold : 20 ppm
pH : No data available
Freezing Point (Melting point/freezing point) : -92 °C (-134 °F)
Boiling Point (Boiling point/boiling range) : 101 - 102 °C (214 - 216 °F) (10,130 hPa)
Flash point : 12 °C (54 °F)
Evaporation rate : 2.3
Flammability (solid, gas) : No data available
Burning rate : No data available
Upper explosion limit : 8 %(V)
Lower explosion limit : 1.7 - 2 %(V)
Vapour pressure : 31 mbar @ 20 °C (68 °F)
Relative vapour density : 3.5 @ 20 °C (68 °F)
Relative density : 0.889 @ 20 °C (68 °F) Reference substance: (water = 1)
Density : 0.888 g/cm3 @ 20 °C (68 °F)
Bulk density : No data available
Solubility(ies)
  Water solubility : 2.3 g/l @ 20 °C (68 °F)
  Solubility in other solvents : No data available
Partition coefficient: n-octanol/water : Pow: 24.5
  log Pow: 1.39
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Auto-ignition temperature: 380 - 457 °C 1,013 hPa
Thermal decomposition: No data available
Viscosity
  Viscosity, dynamic: 0.58 mPa.s @ 20 °C (68 °F)

SECTION 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Vapours may form explosive mixture with air.
Conditions to avoid: Heat, flames and sparks. elevated temperatures
Incompatible materials: Strong oxidizing agents
  Bases
  Amines
  Alkali metals
  sodium hydroxide
  Nitric acid
Hazardous decomposition products: carbon dioxide and carbon monoxide
  Hazardous decomposition products due to incomplete combustion

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:
109-60-4:
  Acute oral toxicity: LD50 (rat, male): ca. 8,700 mg/kg
  Acute inhalation toxicity: LC50 (rat, female): ca. 32 mg/l
    Exposure time: 4 h
  Acute dermal toxicity: LD50 (rabbit, male): > 17,800 mg/kg
Skin corrosion/irritation

Product:
Remarks: May cause skin irritation in susceptible persons.

Components:
109-60-4:
Species: rabbit
Result: No skin irritation

Serious eye damage/eye irritation

Product:
Remarks: Severe eye irritation

Components:
109-60-4:
Species: rabbit
Result: Irritating to eyes.

Respiratory or skin sensitisation

Components:
109-60-4:
Test Type: Maximization test
Species: guinea pig
Result: Did not cause sensitisation on laboratory animals.
Test substance: Information given is based on data obtained from similar substances.

Germ cell mutagenicity

Components:
109-60-4:
Genotoxicity in vitro : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes

Germ cell mutagenicity-Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
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Carcinogenicity

**Components:**

**109-60-4:**

Remarks: This information is not available.

Carcinogenicity - Assessment: Carcinogenicity classification not possible from current data.

Reproductive toxicity

**Components:**

**109-60-4:**

Effects on fertility: Species: rat, male and female
- Application Route: Inhalation
- Dose: 0, 750, 1500, 2000 ppm
- Duration of Single Treatment: 6 h
- Frequency of Treatment: 7 days/week
- General Toxicity - Parent: NOAEC: 750 ppm
- Fertility: NOAEC: 2,000 ppm
- Early Embryonic Development: NOAEC: 750 ppm
- Method: OECD Test Guideline 416
- GLP: yes
- Remarks: Information given is based on data obtained from similar substances.

Effects on foetal development: Species: rat
- Application Route: Inhalation
- Dose: 0, 8730, 17460 and 24940 mg/m³
- Duration of Single Treatment: 18 d
- Frequency of Treatment: 7 hr/day
- General Toxicity Maternal: NOAEC: 8,730 mg/m³
- Developmental Toxicity: NOAEC: 8,730 mg/m³
- Method: OECD Test Guideline 414
- GLP: No data available
- Remarks: Information given is based on data obtained from similar substances.

Reproductive toxicity - Assessment: Animal testing did not show any effects on fertility.
Embryotoxicity classification not possible from current data.

STOT - single exposure

**Product:** No data available

**Components:**

**109-60-4:**

<table>
<thead>
<tr>
<th>Exposure routes</th>
<th>Target Organs</th>
<th>Assessment</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Central nervous system</td>
<td>May cause drowsiness or dizziness.</td>
<td></td>
</tr>
</tbody>
</table>
STOT - repeated exposure

**Product:** No data available

**Components:**

109-60-4: No data available

**Repeated dose toxicity**

**Components:**

109-60-4:
Species: rat, male and female
NOAEL: 2.35 mg/l
Application Route: inhalation (vapour)
Exposure time: 13 wk
Number of exposures: 6 h/d, 5 d/wk
Dose: 0, 2.35, 7.05 and 14.1 mg/L
GLP: yes
Remarks: Information given is based on data obtained from similar substances.

**Aspiration toxicity**

**Further information**

**Product:**
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Components:**

109-60-4:
Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): 60 mg/l
Exposure time: 96 h
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Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates:
- EC50 (Daphnia magna (Water flea)): 91.5 mg/l
- Exposure time: 48 h
- Test Type: Immobilization
- Analytical monitoring: yes
- Method: Static
- GLP: yes

Toxicity to algae:
- EC50 (Pseudokirchneriella subcapitata (green algae)): 672 mg/l
- Exposure time: 72 h
- Analytical monitoring: yes
- Method: Static
- GLP: yes

Persistence and degradability

Product:
Biodegradability: Test Type: aerobic
- Biodegradation: 62 %
- Exposure time: 5 d

Components:
109-60-4:
Biodegradability: Inoculum: activated sludge
- Concentration: 100 mg/l
- Result: Readily biodegradable.
- Biodegradation: 80 %
- Exposure time: 10 d

Bioaccumulative potential

Product:
Bioaccumulation: Remarks: The substance has low potential for bioaccumulation.

Components:
109-60-4:
Partition coefficient: n-octanol/water: log Pow: 1.24

Mobility in soil
No data available

Other adverse effects
No data available
**Product:**

- **Regulation:** 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.
- **Remarks:** 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).

**Additional ecological information:** No data available.

---

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

- **Waste from residues:** Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

- **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**

**IATA (International Air Transport Association):** UN1276, n-PROPYL ACETATE, 3, II, Flash Point: 12 °C (54 °F)

**IMDG (International Maritime Dangerous Goods):** UN1276, N-PROPYL ACETATE, 3, II

**DOT (Department of Transportation):** UN1276, n-PROPYL ACETATE, 3, II

---

**SECTION 15. REGULATORY INFORMATION**

- **OSHA Hazards:** Flammable liquid, Moderate eye irritant.
- **WHMIS Classification:** B2: Flammable liquid.
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D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

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

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

SARA 311/312 Hazards
- Fire Hazard
- Acute Health Hazard

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

SARA 313
- SARA 313: 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
This product does not contain any hazardous air pollutants (HAP), as defined by 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).
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).

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean-Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right To Know
109-60-4  Propyl acetate  90 - 100 %

Pennsylvania Right To Know
109-60-4  Propyl acetate  90 - 100 %

New Jersey Right To Know
109-60-4  Propyl acetate  90 - 100 %

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

The components of this product are reported in the following inventories:

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Positive Listing</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland. New notified substances and declared preparations</td>
<td>y (positive listing)</td>
<td>(The formulation contains substances listed on the Swiss Inventory)</td>
</tr>
<tr>
<td>United States TSCA Inventory</td>
<td>y (positive listing)</td>
<td>(On TSCA Inventory)</td>
</tr>
<tr>
<td>Canadian Domestic Substances List (DSL)</td>
<td>y (positive listing)</td>
<td>(All components of this product are on the Canadian DSL.)</td>
</tr>
<tr>
<td>Australia Inventory of Chemical Substances (AICS)</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
<tr>
<td>New Zealand. Inventory of Chemical Substances</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
<tr>
<td>Japan. ENCS - Existing and New Chemical Substances Inventory</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
<tr>
<td>Japan. ISHL - Inventory of Chemical Substances (METI)</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
<tr>
<td>Korea. Korean Existing Chemicals Inventory (KECI)</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
<tr>
<td>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>y (positive listing)</td>
<td>(On the inventory, or in compliance with the inventory)</td>
</tr>
</tbody>
</table>
Safety Data Sheet

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China. Inventory of Existing Chemical Substances in China (IECSC):

: y (positive listing)
  (On the inventory, or in compliance with the inventory)

SECTION 16. OTHER INFORMATION

Further information

NFPA: Flammability

HMIS III:

HEALTH 2
FLAMMABILITY 3
PHYSICAL HAZARD 0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

Legacy MSDS: R0001004

Material number:
16062136, 16056531, 16056530, 16056529, 16056528, 16050431, 16042830, 16027677, 766967, 554347, 554260, 106914, 104819, 105905, 55946, 89523, 88707, 87789, 503229, 502476, 20230, 20229, 20228, 162298

Key or legend to abbreviations and acronyms used in the safety data sheet

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>American Conference of Government Industrial Hygienists</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

MSDS Number: 100000002866   16 / 17   Propyl acetate normal
# Safety Data Sheet

## Propyl acetate normal

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**Revision Date:** 10/23/2014

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