

**Synfluid® PAO 8 cSt**

Version 2.20

Revision Date 2025-10-22

According to Regulation (EC) No. 1907/2006, Regulation (EC) No. 2020/878

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1****Product information**

Product Name : Synfluid® PAO 8 cSt  
 Material : 1133535, 1111743, 1111742, 1111735, 1079836, 1079942, 1079666

**EC-No.Registration number**

| Chemical name | CAS-No.<br>EC-No.<br>Index No. | Legal Entity<br>Registration number                                  |
|---------------|--------------------------------|----------------------------------------------------------------------|
| 1-Decene      | 872-05-9<br>212-819-2          | Chevron Phillips Chemical Company LP<br>01-2119486878-12-0006        |
| 1-Decene      | 872-05-9<br>212-819-2          | Chevron Phillips Chemicals International NV<br>01-2119486878-12-0024 |

**1.2****Relevant identified uses of the substance or mixture and uses advised against**

Relevant Identified Uses Supported : Manufacture  
 Use as an intermediate  
 Formulation  
 Use in coatings – industrial  
 Use in coatings – professional  
 Use in Coatings - Consumer  
 Lubricants - Industrial  
 Lubricants - Professional  
 Lubricants - Consumer  
 Metal working fluids / rolling oils - Industrial  
 Metal working fluids / rolling oils – Professional  
 Functional Fluids - Industrial  
 Functional Fluids - Professional  
 Functional Fluids - Consumer  
 Use in polymer production – industrial  
 Agrochemical uses  
 Agrochemical uses  
 Other consumer uses

Uses advised against : This material should not be used for purposes other than the identified uses in section 1 without expert advice.

**1.3****Details of the supplier of the safety data sheet**

Company : Chevron Phillips Chemical Company LP  
 9500 Lakeside Blvd.

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The Woodlands, TX 77381

Local : Chevron Phillips Chemicals International N.V.  
 Airport Plaza (Stockholm Building)  
 Leonardo Da Vincilaan 19  
 1831 Diegem  
 Belgium

SDS Requests: (800) 852-5530  
 Responsible Party: Product Safety Group  
 Email:sds@cpchem.com

**1.4****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

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

EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Austria: VIZ +43 1 406 43 43 (24 hours/day, 7 days/week)

Belgium: 070 245 245 (24 hours/day, 7 days/week)

Bulgaria: +359 2 9154 233

Croatia: +3851 2348 342 (24 hours/day, 7 days/week)

Cyprus: 1401

Czech Republic: Toxicological Information Center +420 224 919 293, +420 224 915 402

Denmark: Danish Poison Center (Giftlinjen): +45 8212 1212

Estonia: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Finland: 0800 147 111 09 471 977 (24 hours/day)

France: ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week)

Germany: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Greece: (0030) 2107793777 (24 hours/day, 7 days/week)

Hungary: +36-80-201-199 (24 hours/day, 7 days/week)

Iceland: 543 2222 (24 hours/day, 7 days/week)

Ireland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Italy: POISON CENTER MILAN – Azienda Ospedaliera Niguarda Ca` Grande Tel. +39 02

66101029; POISON CENTER ROME – Policlinico “Agostino Gemelli”, Servizio di tossicologia

clinica Tel. +39 06 3054343; POISON CENTER ROME – Ospedale Pediatrico Bambino Gesù

Tel. +39 06 68593726; POISON CENTER ROME – Policlinico “Umberto I” Tel. +39 06 4997 8000;

POISON CENTER FOGGIA – Azienda Ospedaliera Universitaria Riuniti Tel. +39 0881 732326;

POISON CENTER NAPLES – Azienda Ospedaliera “Antonio Cardarelli” Tel. +39 081 7472870;

POISON CENTER FLORENCE – Azienda Ospedaliera universitaria Careggi Tel. +39 055

7947819; POISON CENTER PAVIA – IRCCS Fondazione Salvatore Maugeri Tel. +39 0382

24444; POISON CENTER BERGAMO – Azienda Ospedaliera “Papa Giovanni XXIII” Tel. 800 883

300; POISON CENTER VERONA – Azienda Ospedaliera Universitaria integrata Tel. 800 011

858;

Latvia: State Fire and Rescue Service, phone number: 112; Toxicology and Sepsis Clinic

Poisoning and Drug Information Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +371

67042473. (24 hours.)

Liechtenstein: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Lithuania: +370 (85) 2362052

Luxembourg: (+352) 8002 5500 (24 hours/day, 7 days/week)

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Malta: +356 2395 2000  
 The Netherlands: NVIC: +31 (0)88 755 8000  
 Norway: 22 59 13 00 (24 hours/day, 7 days/week)  
 Poland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Portugal: CIAV phone number: +351 800 250 250  
 Romania: +40213183606  
 Slovakia: +421 2 5477 4166  
 Slovenia: Phone number: 112  
 Spain: National Emergency Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24 hours/day, 7 days/week)  
 Sweden: 112 – ask for Poisons Information

Organization that prepared the SDS : Product Safety and Toxicology Group  
 E-mail address : SDS@CPChem.com  
 Website : www.CPChem.com

**SECTION 2: Hazards identification****2.1**

**Classification of the substance or mixture  
 REGULATION (EC) No 1272/2008**

Not a hazardous substance or mixture.

**2.2**

**Labeling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.3****Other hazards**

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**

Synonyms : Polyalphaolefin  
 PAO

Molecular formula : Polymer

**Hazardous ingredients**

| Chemical name | CAS-No. | Classification | Concentration | Specific Conc. |
|---------------|---------|----------------|---------------|----------------|
|---------------|---------|----------------|---------------|----------------|

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|                                         | EC-No.<br>Index No. | (REGULATION (EC)<br>No 1272/2008) | [wt%] | Limits, M-factors<br>and ATEs |
|-----------------------------------------|---------------------|-----------------------------------|-------|-------------------------------|
| 1-Decene<br>Homopolymer<br>Hydrogenated |                     |                                   | 100   |                               |

Contains no ingredients hazardous to health according to GHS. :

**SECTION 4: First aid measures****4.1****Description of first-aid measures**

- General advice : No hazards which require special first aid measures.
- If inhaled : If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses. Protect unharmed eye. 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.

**4.2 Most important symptoms and effects, both acute and delayed****Notes to physician**

- Symptoms : No information available.
- Risks : No information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment : Treat symptomatically.

**SECTION 5: Firefighting measures**

- Flash point : 252-265°C (486-509°F)  
Method: ASTM D-92

- Autoignition temperature : 369°C (696°F)

**5.1****Extinguishing media**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet.

**5.2****Special hazards arising from the substance or mixture**

- Specific hazards during fire fighting : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.3**

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**Advice for firefighters**

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire and explosion protection : Normal measures for preventive fire protection.

Hazardous decomposition products : Carbon oxides.

**SECTION 6: Accidental release measures****6.1****Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery conditions.

**6.2****Environmental precautions**

Environmental precautions : No special environmental precautions required.

**6.3****Methods and materials for containment and cleaning up**

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

**6.4****Reference to other sections**

Reference to other sections : For personal protection see section 8. For disposal considerations see section 13.

**SECTION 7: Handling and storage****7.1****Precautions for safe handling**  
**Handling**

Advice on safe handling : For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

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

**7.2****Conditions for safe storage, including any incompatibilities****Storage**

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

Uses advised against : This material should not be used for purposes other than the identified uses in section 1 without expert advice.

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Advice on common storage : No materials to be especially mentioned.

German storage class : Combustible liquids

**SECTION 8: Exposure controls/personal protection****8.1****Control parameters  
Ingredients with workplace control parameters****SI**

| Sestavine                         | Osnova | Vrednost | Parametri nadzora    | Pripomba            |
|-----------------------------------|--------|----------|----------------------|---------------------|
| 1-Decene Homopolymer Hydrogenated | SI OEL | MV       | 5 mg/m <sup>3</sup>  | Alveolarna frakcija |
|                                   | SI OEL | KTV      | 20 mg/m <sup>3</sup> | Alveolarna frakcija |

**DE**

| Inhaltsstoffe                     | Grundlage   | Wert | Zu überwachende Parameter | Bemerkung                                |
|-----------------------------------|-------------|------|---------------------------|------------------------------------------|
| 1-Decene Homopolymer Hydrogenated | DE TRGS 900 | AGW  | 5 mg/m <sup>3</sup>       | Y, Alveolengängige Fraktion              |
|                                   | DE DFG MAK  | MAK  | 5 mg/m <sup>3</sup>       | C, gemessen als alveolengängige Fraktion |

C Eine fruchtschädigende Wirkung ist bei Einhaltung des MAK- und BATWertes nicht anzunehmen

Y Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden

**CH**

| Inhaltsstoffe                     | Grundlage | Wert     | Zu überwachende Parameter | Bemerkung               |
|-----------------------------------|-----------|----------|---------------------------|-------------------------|
| 1-Decene Homopolymer Hydrogenated | CH SUVA   | MAK-Wert | 5 mg/m <sup>3</sup>       | SSc, einatembarer Staub |

SSc Eine Schädigung der Leibesfrucht braucht bei Einhaltung des MAK-Wertes nicht befürchtet zu werden.

**8.2****Exposure controls  
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 : If ventilation or other engineering controls are not adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure, a supplied-air NIOSH approved respirator may be appropriate.

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

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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 substance and the task performed at the work place. Appropriate PPE may include: Lightweight protective clothing.

Hygiene measures : General industrial hygiene practice.

A quantitative risk assessment is not required for the environment.

A quantitative risk assessment is not required for human health.

**SECTION 9: Physical and chemical properties****9.1****Information on basic physical and chemical properties****Appearance**

Physical state : liquid  
Color : Clear, Colorless  
Odor : Odorless

**Safety data**

Flash point : 252-265°C (486-509°F)  
Method: ASTM D-92

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

Flammability (solid, gas) :  
Oxidizing properties : no

Autoignition temperature : 369°C (696°F)

Thermal decomposition : No data available

Molecular formula : Polymer

Molecular weight : Varies

pH : Not applicable

Pour point : No data available

Melting point/freezing point : Not applicable

Boiling point/boiling range : 430°C (806°F)

Vapor pressure : 0,10 MMHG  
at 232°C (450°F)

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|                                        |                                                        |
|----------------------------------------|--------------------------------------------------------|
| Relative density                       | : 0,83<br>at 15,6 °C (60,1 °F)                         |
| Water solubility                       | : Soluble in hydrocarbon solvents; insoluble in water. |
| Partition coefficient: n-octanol/water | : No data available                                    |
| Viscosity, kinematic                   | : 46 cSt<br>at 40°C (104°F)                            |
| Relative vapor density                 | : 10<br>(Air = 1.0)                                    |
| Evaporation rate                       | : 3<br>Method: ASTM D5800                              |

**SECTION 10: Stability and reactivity****10.1**

**Reactivity** : Stable at normal ambient temperature and pressure.

**10.2**

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

**10.3****Possibility of hazardous reactions**

**Hazardous reactions** : Further information: Stable under recommended storage conditions., No hazards to be specially mentioned.

**10.4**

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

**10.5**

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

**Thermal decomposition** : No data available

**10.6**

**Hazardous decomposition products** : Carbon oxides

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

**SECTION 11: Toxicological information****11.1****Information on toxicological effects**

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|                                                                |                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute oral toxicity</b>                                     | : LD50 Oral: > 5.000 mg/kg<br>Species: Rat                                                                                                                                                                                                   |
| <b>Synfluid® PAO 8 cSt</b><br><b>Acute inhalation toxicity</b> | : LC50: > 5,2 mg/l<br>Exposure time: 4 h<br>Species: Rat<br>Test atmosphere: dust/mist                                                                                                                                                       |
| <b>Synfluid® PAO 8 cSt</b><br><b>Acute dermal toxicity</b>     | : LD50: > 2.000 mg/kg<br>Species: Rabbit                                                                                                                                                                                                     |
| <b>Synfluid® PAO 8 cSt</b><br><b>Skin irritation</b>           | : No skin irritation                                                                                                                                                                                                                         |
| <b>Synfluid® PAO 8 cSt</b><br><b>Eye irritation</b>            | : No eye irritation                                                                                                                                                                                                                          |
| <b>Synfluid® PAO 8 cSt</b><br><b>Sensitization</b>             | : Did not cause sensitization on laboratory animals.                                                                                                                                                                                         |
| <b>Synfluid® PAO 8 cSt</b><br><b>Genotoxicity in vitro</b>     | : Remarks: No adverse effects expected, Information given is based on data obtained from similar substances.                                                                                                                                 |
| <b>Synfluid® PAO 8 cSt</b><br><b>Genotoxicity in vivo</b>      | : Remarks: No adverse effects expected, Information given is based on data obtained from similar substances.                                                                                                                                 |
| <b>Synfluid® PAO 8 cSt</b><br><b>Carcinogenicity</b>           | : Remarks: This information is not available.                                                                                                                                                                                                |
| <b>Toxicology Assessment</b>                                   |                                                                                                                                                                                                                                              |
| <b>Synfluid® PAO 8 cSt</b><br><b>CMR effects</b>               | : Carcinogenicity:<br>Not classifiable as a human carcinogen.<br>Mutagenicity:<br>Animal testing did not show any mutagenic effects.<br>Teratogenicity:<br>no developmental effects<br>Reproductive toxicity:<br>No toxicity to reproduction |

**11.2****Information on other hazards**

|                                                          |                      |
|----------------------------------------------------------|----------------------|
| <b>Synfluid® PAO 8 cSt</b><br><b>Further information</b> | : No data available. |
|----------------------------------------------------------|----------------------|

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Endocrine disrupting properties : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 12: Ecological information****12.1****Toxicity****Ecotoxicity effects**

**Toxicity to fish** : LL50: > 1.000 mg/l  
Exposure time: 96 h  
Species: Oncorhynchus mykiss (rainbow trout)

**Toxicity to daphnia and other aquatic invertebrates** : EL50: > 1.000 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
static test Method: OECD Test Guideline 202

**Toxicity to algae** : NOELR: 1.000 mg/l  
Exposure time: 72 h  
Species: Scenedesmus capricornutum (fresh water algae)  
static test Method: OECD Test Guideline 201

**12.2****Persistence and degradability**

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

**12.3****Bioaccumulative potential**

Elimination information (persistence and degradability)

Bioaccumulation : This material is not expected to bioaccumulate.

**12.4****Mobility in soil**

Mobility : No data available

**12.5****Results of PBT and vPvB assessment**

Results of PBT assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6****Endocrine disrupting properties**

Endocrine disrupting properties : The substance/mixture does not contain components considered to have endocrine disrupting properties according

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to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7****Other adverse effects**

Additional ecological information : No data available

**12.8****Additional Information****Ecotoxicology Assessment**

Short-term (acute) aquatic hazard : This material is not expected to be harmful to aquatic organisms.

Long-term (chronic) aquatic hazard : This material is not expected to be harmful to aquatic organisms.

**SECTION 13: Disposal considerations****13.1****Waste treatment methods**

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.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

A quantitative risk assessment is not required for the environment.  
A quantitative risk assessment is not required for human health.

**SECTION 14: Transport information****14.1 - 14.7****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)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR  
TRANSPORTATION BY THIS AGENCY.

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**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.

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| <b>Other information</b> | <b>: Polyolefin (molecular weight 300+), S.T. 2, Cat.Y</b> |
|--------------------------|------------------------------------------------------------|

Maritime transport in bulk according to IMO instruments

**SECTION 15: Regulatory information****15.1****Safety, health and environmental regulations/legislation specific for the substance or mixture  
National legislation**

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**Water hazard class** : WGK 1 slightly hazardous to water  
**(Germany)**

**15.2**

**Major Accident Hazard** : ZEU\_SEVES3 Update:  
**Legislation** Not applicable

**Notification status**

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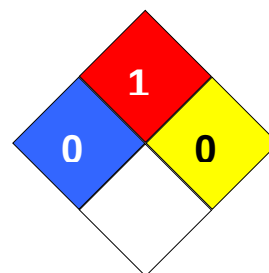
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|                                     |   |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Europe REACH                        | : | This product is in full compliance according to REACH regulation 1907/2006/EC.                                                                                                                                                                                                                                                                                        |
| 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 AIIC                      | : | On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                                                                                 |
| New Zealand NZIoC                   | : | On the inventory, or in compliance with the inventory<br>Notification number: HSR002606                                                                                                                                                                                                                                                                               |
| Japan ENCS                          | : | On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                                                                                 |
| Korea KECI                          | : | All substances in this product were registered, notified to be registered, or exempted from registration by CPChem through an Only Representative according to K-REACH regulations. Importation of this product is permitted if the Korean Importer of Record was included on CPChem's notifications or if the Importer of Record themselves notified the substances. |
| Philippines PICCS                   | : | On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                                                                                 |
| Taiwan TCSI                         | : | On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                                                                                 |
| China IECSC                         | : | On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                                                                                 |

**SECTION 16: Other information**

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



**Revision Date** : 2025-10-22  
**Date of last issue** : 2025-06-16

**Further information**

Legacy SDS Number : 3334

NSF H1, HX-1 Registered, meets USDA 1998 H1 Guidelines

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**

|       |                                                         |      |                 |
|-------|---------------------------------------------------------|------|-----------------|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |
|-------|---------------------------------------------------------|------|-----------------|

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| AIIC   | Australian Inventory of Industrial Chemicals             | LOAEL | Lowest Observed Adverse Effect Level                                                 |
| DSL    | Canada, Domestic Substances List                         | NFPA  | National Fire Protection Agency                                                      |
| NDSL   | Canada, Non-Domestic Substances List                     | NIOSH | National Institute for Occupational Safety & Health                                  |
| CNS    | Central Nervous System                                   | NTP   | National Toxicology Program                                                          |
| CAS    | Chemical Abstract Service                                | NZIoC | New Zealand Inventory of Chemicals                                                   |
| EC50   | Effective Concentration                                  | NOAEL | No Observable Adverse Effect Level                                                   |
| EC50   | Effective Concentration 50%                              | NOEC  | No Observed Effect Concentration                                                     |
| EGEST  | EOSCA Generic Exposure Scenario Tool                     | OSHA  | Occupational Safety & Health Administration                                          |
| EOSCA  | European Oilfield Specialty Chemicals Association        | PEL   | Permissible Exposure Limit                                                           |
| EINECS | European Inventory of Existing Chemical Substances       | PICCS | Philippines Inventory of Commercial Chemical Substances                              |
| MAK    | Germany Maximum Concentration Values                     | PRNT  | Presumed Not Toxic                                                                   |
| GHS    | Globally Harmonized System                               | RCRA  | Resource Conservation Recovery Act                                                   |
| >=     | Greater Than or Equal To                                 | STEL  | Short-term Exposure Limit                                                            |
| IC50   | Inhibition Concentration 50%                             | SARA  | Superfund Amendments and Reauthorization Act.                                        |
| IARC   | International Agency for Research on Cancer              | TLV   | Threshold Limit Value                                                                |
| IECSC  | Inventory of Existing Chemical Substances in China       | TWA   | Time Weighted Average                                                                |
| ENCS   | Japan, Inventory of Existing and New Chemical Substances | TSCA  | Toxic Substance Control Act                                                          |
| KECI   | Korea, Existing Chemical Inventory                       | UVCB  | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <=     | Less Than or Equal To                                    | WHMIS | Workplace Hazardous Materials Information System                                     |
| LC50   | Lethal Concentration 50%                                 | ATE   | Acute toxicity estimate                                                              |