

# Synfluid<sup>®</sup> PAO 6 cSt

Version 1.20

Revision Date 2025-04-02

MSDS number: AA00974-000000136

SECTION 1: Identification of t	he substance/mixture and of the company/undertaking
Product Name Material	: Synfluid® PAO 6 cSt : 1111741, 1111740, 1111734, 1079874, 1079931, 1079667
Recommended use of the product Restrictions on use	<ul><li>: Synthetic Lubricants</li><li>: None known.</li></ul>
Address	: Chevron Phillips Chemical Company LP 10001 Six Pines Drive The Woodlands, TX 77380
Address	<ul> <li>CHEVRON PHILLIPS CHEMICALS ASIA PTE. LTD.</li> <li>C/O DONG WOO CORPORATION</li> <li>#B-2601, JEONGJAIL-RO,</li> <li>BUNDANG-GU, SEONGNAMI-SI,</li> <li>GYEONGGI-DO, 13557</li> <li>SOUTH KOREA</li> <li>Telephone no.: +612-9186-1132</li> </ul>
Emergency telephone:	
Asia: CHEMWATCH (+( Mexico CHEMTREC 01 South America SOS-Co Argentina: +(54)-11598 EUROPE: BIG +32.14.5 Austria: VIZ +43 1 406 4 Belgium: 070 245 245 (2 Bulgaria: +359 2 9154 2	ational) 300 or 703.527.3887(int'l) 512 9186 1132) China: 0532 8388 9090 -800-681-9531 (24 hours) tec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600 39431 i84545 (phone) or +32.14583516 (telefax) i3 43 (24 hours/day, 7 days/week) 24 hours/day, 7 days/week)
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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) 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 : Product Safety and Toxicology Group Responsible Department E-mail address SDS@CPChem.com Website www.CPChem.com Appointees 회사명: 리이치24시코리아㈜. 주소: 서울특별시 강남구 강남대로 94길 34,4층 전화: +82-02-6245-1610 **SECTION 2: Hazards identification** Hazard classification Number:100000010952 2/15

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Standards for classificatic (ministry of employment	-			ty data she	
Classification					
Not applicable					
Warning label elements in	ncluding precaution	ary statements			
Symbol(s) Signal Word	: : Not applica	able			
Hazard Statements	: Not applica	able			
Precautionary Statements	: Not applica	able			
Other hazards which do not result in classification	: None				
		lients			
not result in classification					
not result in classification TION 3: Composition/info Synonyms Molecular formula	ormation on ingred : Polyalphaole PAO : Polymer	fin			
not result in classification TION 3: Composition/info Synonyms	ormation on ingred : Polyalphaole PAO		Concentration	KECI Number	
not result in classification TION 3: Composition/info Synonyms Molecular formula	ormation on ingred : Polyalphaole PAO : Polymer	fin	Concentration 100%		
not result in classification TION 3: Composition/info Synonyms <u>Molecular formula</u> Common name 1-Decene Homopolymer	ormation on ingred : Polyalphaole PAO : Polymer Synonyms Dec-1-ene, oligomers, hydrogenated	efin CAS-No.		Number	
not result in classification TION 3: Composition/info Synonyms Molecular formula Common name 1-Decene Homopolymer Hydrogenated TION 4: First aid measur	ormation on ingred : Polyalphaole PAO : Polymer Synonyms Dec-1-ene, oligomers, hydrogenated 	efin CAS-No. 68037-01-4	100%	Number KE-09505	
not result in classification TION 3: Composition/info Synonyms Molecular formula Common name 1-Decene Homopolymer Hydrogenated TION 4: First aid measur General advice	ormation on ingred         :       Polyalphaole         PAO         :       Polymer         Synonyms         Dec-1-ene,         oligomers,         hydrogenated	ofin CAS-No. 68037-01-4 which require spec	ial first aid measure	Number KE-09505	
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If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
If swallowed	:	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Other cautions for Doctors		
Symptoms	:	No information available.
Risks	:	No information available.
Treatment	:	No information available.
ECTION 5: Firefighting measu	ires	
Flash point	:	239-258°C (462-496°F) Method: ASTM D-92
Autoignition temperature	:	354°C (669°F)
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during fire fighting	:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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.
ECTION 6: Accidental release	me	asures
Personal precautions	:	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery conditions.
Environmental precautions	:	No special environmental precautions required.
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SAFETY DATA SHEET Synfluid<sup>®</sup> PAO 6 cSt Version 1.20 Revision Date 2025-04-02 Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. **SECTION 7: Handling and storage** 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 : Normal measures for preventive fire protection. against fire and explosion Secure storage Requirements for storage : Electrical installations / working materials must comply with the technological safety standards. areas and containers Uses advised against : None known. Advice on common storage : No materials to be especially mentioned. Specific Use : Synthetic Lubricants **SECTION 8: Exposure controls/personal protection** Chemical exposure standards, biological exposure standards, etc. Adequate ventilation to control airborned 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. Eye protection : Eye wash bottle with pure water. Tightly fitting safety goggles. 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

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Version 1.20       Revision Date 2025         Skin and body protection       is any indication of degradation or chemical breakthrough.         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.         SECTION 9: Physical and chemical properties         Appearance         Physical state       : liquid         Color       : Odorless         Odor       : Odorless         Odor       : No data available         pH       : Not applicable         Pour point       : Vage-C(786°F)         Flash point       : 239-258°C (462-496°F)         Method: ASTM D-92       Evaporation rate         Evaporation rate       : No data available         Lower explosion limit       : Not applicable         Lower explosion limit       : Not applicable	-04-0
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. <b>ECTION 9: Physical and chemical properties</b> Information on basic physical and chemical properties         Appearance       Physical state       :       liquid         Color       :       Clear, Colorless         Odor       :       Odorless         Odor       :       Odorless         Odor       :       No data available         pH       :       Not applicable         Pour point       :       Not applicable         Boiling point/freezing point       Not applicable         Boiling point/boiling range       :       419°C (786°F)         Flash point       :       239-258°C (462-496°F)         Method: ASTM D-92       Evaporation rate       :       No data available         Flammability (solid, gas)       :       No data available       Evaporation rate	
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Method: ASTM D-92Evaporation rate: No data availableFlammability (solid, gas): No data availableLower explosion limit: Not applicable	
Flammability (solid, gas): No data availableLower explosion limit: Not applicable	
Lower explosion limit : Not applicable	
Upper explosion limit : Not applicable	
Vapor pressure : 0.70 MMHG at 149°C (300°F)	
Solubility : Soluble in hydrocarbon solvents; insoluble in water.	
Relative density : 0.83 at 15.6 °C (60.1 °F)	
Vapor density : 10 (Air = 1.0)	
Partition coefficient: n- : No data available octanol/water	

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	SAFETY DATA SHEET
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Autoignition temperature	: 354°C (669°F)
Decomposition temperature	: No data available
Viscosity, kinematic	: 30.5 cSt at 40°C (104°F)
Molecular weight	: Varies
SECTION 10: Stability and reacti	ivity
Reactivity	: Stable at normal ambient temperature and pressure.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous rea	actions
Hazardous reactions	: Further information: Stable under recommended storage conditions., No hazards to be specially mentioned.
Conditions to avoid	: No data available.
Materials to avoid	: No data available.
Thermal decomposition	: No data available
Hazardous decomposition products	: Carbon oxides
Other data	: No decomposition if stored and applied as directed.
ECTION 11: Toxicological infor	mation
Information on exposure ro	utes
Synfluid® PAO 6 cSt Acute oral toxicity	: LD50 Oral: > 5,000 mg/kg Species: Rat
Synfluid® PAO 6 cSt Acute inhalation toxicity	: LC50: > 5.2 mg/l Exposure time: 4 h Species: Rat Test atmosphere: dust/mist
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Acute dermal toxicity	: LD50: > 2,000 mg/kg Species: Rabbit
Synfluid® PAO 6 cSt Skin corrosion or irritation	: No skin irritation
Synfluid® PAO 6 cSt Eye corrosion or irritation	: No eye irritation
Synfluid® PAO 6 cSt Respiratory Sensitization	: Did not cause sensitization on laboratory animals.
Synfluid® PAO 6 cSt Skin sensitization	Did not cause sensitization on laboratory animals.
Synfluid® PAO 6 cSt Carcinogenicity	: Remarks: This information is not available.
Repeated dose toxicity	
1-Decene Homopolymer Hydrogenated	: Species: Rat Application Route: Oral Dose: 0, 8000, 20000, 50000 ppm Exposure time: 28 day Number of exposures: daily NOEL: 6,245 mg/kg Method: OECD Test Guideline 407
	Species: Rat Application Route: oral gavage Dose: 0, 1000, 7000, 50000 ppm Exposure time: 13 weeks Number of exposures: daily NOEL: 4,159.4 mg/kg Method: OCED Guideline 408
Synfluid® PAO 6 cSt Germ cell mutagenicity (in vitro)	: Remarks: No adverse effects expected, Information given is based on data obtained from similar substances.
Synfluid® PAO 6 cSt Germ cell mutagenicity (in vivo)	: Remarks: No adverse effects expected, Information given is based on data obtained from similar substances.
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1-Decene Homopolymer Hydrogenated	<ul> <li>Animal testing did not show any effects on fetal development. Information given is based on data obtained from similar substances.</li> </ul>
Specific Target Organ Toxicity (Single Exposure)	
	Not classified due to data which are conclusive although insufficient for classification.
Specific Target Organ Toxicity (Repeated Exposure)	
	Not classified due to data which are conclusive although insufficient for classification.
Aspiration toxicity	
1-Decene Homopolymer Hydrogenated Toxicology Assessment	: No aspiration toxicity classification.
Synfluid® PAO 6 cSt CMR effects	<ul> <li>Carcinogenicity: Not classifiable as a human carcinogen. Mutagenicity: Animal testing did not show any mutagenic effects. Teratogenicity: no developmental effects Reproductive toxicity: No toxicity to reproduction</li> </ul>
Reproductive toxicity	
1-Decene Homopolymer Hydrogenated	<ul> <li>Species: Rat Sex: male and female Application Route: oral gavage Dose: 0, 100, 500, 1000 mg/kg Number of exposures: daily Test period: 10 weeks Method: OECD Test Guideline 415 NOAEL Parent: 1,000 mg/kg</li> </ul>
Synfluid® PAO 6 cSt Further information	: No data available.
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Ecological Toxicity	
Toxicity to fish	<ul> <li>LL50: &gt; 1,000 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout)</li> <li>LC50: &gt; 750 mg/l</li> </ul>
	Exposure time: 96 h Species: Pimephales promelas (fathead minnow)
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
	EC50: > 1,000 mg/l Exposure time: 96 h Species: Selenastrum capricornutum (algae)
Persistence and degradabilityPersistence and degradability	: This material is not expected to be readily biodegradable., Expected to be inherently biodegradable.
Bioaccumulative	: This material is not expected to bioaccumulate.
Mobility	: No data available
Results of PBT assessment 1-Decene Homopolymer Hydrogenated	: Non-classified PBT substance, Non-classified vPvB substance
Other adverse effects	: No data available
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.
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#### 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.

Disposal precaution

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

#### **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.

UN Number	:	not regulated
UN Product Shipping Name	:	Not regulated as a dangerous good
Hazard Class	:	
Packing Group	:	Not applicable
Marine Pollutant	:	Not applicable
Special Safety Measures on Mode of Transport	:	No data available

#### 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)

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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.

Other information :	Not applicable	

Maritime transport in bulk according to IMO instruments

#### **SECTION 15: Regulatory information**

#### **National legislation**

#### **Regulation under the Occupational Safety and Health Act**

A Material Safety Datasheet (MSDS) for this product is not required according to article 41 of the ISHA.

Regulation		Chemical name	Threshold limits
Harmful Substances Prohibited from Manufacturing	:	Not applicable	

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	$\vdash$	Not applicable	
Harmful Substances Required Permission for Manufacture	:	Not applicable	
		Not applicable	
	ival	luation, etc. of Chemical Substances, Chemical	
Regulation			hreshold mits
Toxic Chemicals			
		Not applicable	
Prohibited Chemicals	:	Not applicable	
		Not applicable	
Restricted Chemicals	:	Not applicable	
To be Delayed to sector		Not applicable	
Toxic Release Inventory	:	Not applicable	
		Not applicable	
Regulations by the Waste Management Act		: Not applicable Not applicable	
Management Act Regulations by other domest	ic a	Not applicable	to REACH
Management Act	ic a	Not applicable	to REACH
Management Act Regulations by other domest Europe REACH Switzerland CH INV		Not applicable and foreign laws : This product is in full compliance according regulation 1907/2006/EC. : On the inventory, or in compliance with the	inventory
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA)		Not applicable and foreign laws This product is in full compliance according regulation 1907/2006/EC. On the inventory, or in compliance with the On or in compliance with the active portion	inventory
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA		Not applicable <b>Ind foreign laws</b> : This product is in full compliance according regulation 1907/2006/EC. : On the inventory, or in compliance with the : On or in compliance with the active portion TSCA inventory	inventory of the
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA)		<ul> <li>Not applicable</li> <li>and foreign laws</li> <li>This product is in full compliance according regulation 1907/2006/EC.</li> <li>On the inventory, or in compliance with the</li> <li>On or in compliance with the active portion TSCA inventory</li> <li>All components of this product are on the C</li> </ul>	inventory of the
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL Australia AIIC		<ul> <li>Not applicable</li> <li>and foreign laws</li> <li>This product is in full compliance according regulation 1907/2006/EC.</li> <li>On the inventory, or in compliance with the</li> <li>On or in compliance with the active portion TSCA inventory</li> <li>All components of this product are on the C DSL</li> <li>On the inventory, or in compliance with the</li> </ul>	inventory of the anadian inventory
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL		<ul> <li>Not applicable</li> <li>and foreign laws <ol> <li>This product is in full compliance according regulation 1907/2006/EC.</li> <li>On the inventory, or in compliance with the</li> <li>On or in compliance with the active portion TSCA inventory</li> <li>All components of this product are on the CDSL</li> <li>On the inventory, or in compliance with the</li> </ol> </li> </ul>	inventory of the anadian inventory
Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL Australia AIIC New Zealand NZIoC		<ul> <li>Not applicable</li> <li>and foreign laws <ol> <li>This product is in full compliance according regulation 1907/2006/EC.</li> <li>On the inventory, or in compliance with the</li> <li>On or in compliance with the active portion TSCA inventory</li> <li>All components of this product are on the C DSL</li> <li>On the inventory, or in compliance with the</li> <li>On the inventory, or in compliance with the</li> </ol> </li> </ul>	inventory of the anadian inventory inventory
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## Synfluid<sup>®</sup> PAO 6 cSt

#### Version 1.20

Revision Date 2025-04-02

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#### **SECTION 16: Other information**

Source of data	:	Korea. GHS based classification	
Date of initial writing	:	2020-09-08	
Revision number	:	1	
Last revision date	:	2025-04-02	
NFPA Classification	:	Health Hazard: 0 Fire Hazard: 1 Reactivity Hazard: 0	



None.

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	LD50	Lethal Dose 50%				
	Government Industrial Hygienists						
AIIC	Australian Inventory of Industrial	LOAEL	Lowest Observed Adverse Effect				
	Chemicals		Level				
DSL	Canada, Domestic Substances	NFPA	National Fire Protection Agency				
	List						
NDSL	Canada, Non-Domestic	NIOSH	National Institute for Occupational				
	Substances List		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				

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EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure	OSHA	Occupational Safety & Health
	Scenario Tool		Administration
EOSCA	European Oilfield Specialty	PEL	Permissible Exposure Limit
	Chemicals Association		
EINECS	European Inventory of Existing	PICCS	Philippines Inventory of
	Chemical Substances		Commercial Chemical Substances
MAK	Germany Maximum Concentration	PRNT	Presumed Not Toxic
	Values		
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	TLV	Threshold Limit Value
	on Cancer		
IECSC	Inventory of Existing Chemical	TWA	Time Weighted Average
	Substances in China		
ENCS	Japan, Inventory of Existing and	TSCA	Toxic Substance Control Act
	New Chemical Substances		
KECI	Korea, Existing Chemical	UVCB	Unknown or Variable Composition,
	Inventory		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

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