Synfluid[®] PAO 7 cSt

Version 1.10

Revision Date 2022-09-09

Chevron Phillips CHEMICAL

MSDS number: AA00974-000000106

CHEM

Product Name Material	: Synfluid® PAO 7 cSt : 1079863, 1080486, 1079705
product	: Synthetic Lubricants
Restrictions on use	: None known.
Address	: Chevron Phillips Chemical Company LP 10001 Six Pines Drive The Woodlands, TX 77380
Address	 CHEVRON PHILLIPS CHEMICALS ASIA PTE. LTD. C/O DONG WOO CORPORATION #B-2601, JEONGJAIL-RO, BUNDANG-GU, SEONGNAMI-SI, GYEONGGI-DO, 13557 SOUTH KOREA Telephone no.: +612-9186-1132
Emergency telephone:	
Asia: CHEMWATCH (+ Mexico CHEMTREC 01 South America SOS-Co Argentina: +(54)-11598 EUROPE: BIG +32.14.5 Austria: VIZ +43 1 406	ational) 300 or 703.527.3887(int'l) 612 9186 1132) China: 0532 8388 9090 -800-681-9531 (24 hours) otec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600 39431 584545 (phone) or +32.14583516 (telefax) 43 43 (24 hours/day, 7 days/week) 24 hours/day, 7 days/week)
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Croatia: +3851 2348 342 (24 hours/day, 7 days/week) **Cvprus: 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: BIG +32.14.584545 (phone) or +32.14583516 (telefax) 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 Responsible Department : Product Safety and Toxicology Group E-mail address : SDS@CPChem.com Website : www.CPChem.com Appointees : 회사명: 리이치 24 시코리아㈜. 주소: 서울시 서초구 헌릉로 7, 외국기업창업지원연구센터 (IKP) 908-909호 전화: +82-1067838981 **SECTION 2: Hazards identification**

Hazard classification

Standards for classification and labeling of chemical substances and material safety data sheet (ministry of employment and labor public notice No. 2020-130)

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Not a hazardous substan	ce or mixture.			
Warning label elements i	ncluding precautiona	ry statements		
Not a hazardous substan	ce or mixture.			
Other hazards which do not result in classification				
TION 3: Composition/in	formation on ingredi	ents		
Synonyms	: R02253 R05051 Polyalphaolef PAO	in		
Molecular formula	: Polymer			
Common name	Synonyms	CAS-No.	Concentration	KECI Number
1-Dodecene, Homopolymer, Hydrogenated	1-Dodecene, homopolymer, hydrogenated	151006-63-2	100%	2003-3-23
TION 4: First aid massu	*00	·	·	
TION 4: First aid measu	res			
General advice	case of accide immediately (ent or if you feel u show the label wh	al first aid measure nwell, seek medica ere possible). Sho e doctor in attendar	l advice w this
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.			
In case of skin contact	: Remove contaminated clothing. If irritation develops, get medical attention. Wash off immediately with plenty of water.			
If inhaled		air in case of acc vsician after signifi	idental inhalation of cant exposure.	vapors.

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If swallowed	:	If swallowed, DO NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Other cautions for Doctors		
Symptoms	:	No information available.
Risks	:	No information available.
Treatment	:	No information available.
ECTION 5: Firefighting measu	res	
Flash point	:	246-271°C (475-520°F) Method: Cleveland Open Cup
Autoignition temperature	:	351°C (664°F)
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during fire fighting	:	Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus.
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.
Methods for cleaning up	:	Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.
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TION 7: Handling and stor	rage	
Handling		
Advice on safe handling	:	Do not breathe vapors/dust. 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.
Secure storage		
Requirements for storage areas and containers Uses advised against	:	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. None known.
Specific Use		
Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels	ards, irds of nces i ent. I of this	sonal protection biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and selec f engineering controls or work practices are not adequate to preve material, the personal protective equipment listed below is
Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels of recommended. The user st	ards, ards of nces i ent. I of this hould	biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and select f engineering controls or work practices are not adequate to preve material, the personal protective equipment listed below is read and understand all instructions and limitations supplied with
Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels of recommended. The user st	ards, irds of nces i ent. I ent. I of this hould tion is	biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and select f engineering controls or work practices are not adequate to prev material, the personal protective equipment listed below is read and understand all instructions and limitations supplied with s usually provided for a limited time or under certain circumstance
Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels of recommended. The user st the equipment since protect	ards, irds of nces i ent. I ent. I of this hould tion is	biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and select f engineering controls or work practices are not adequate to preve material, the personal protective equipment listed below is read and understand all instructions and limitations supplied with a usually provided for a limited time or under certain circumstance
Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels of recommended. The user so the equipment since protective Personal protective equipment	ards, irds of nces i ent. I ent. I of this hould tion is	sonal protection biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and selec f engineering controls or work practices are not adequate to preve material, the personal protective equipment listed below is read and understand all instructions and limitations supplied with a usually provided for a limited time or under certain circumstance t 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
Chemical exposure controls Chemical exposure stand Consider the potential haza activities, and other substar personal protective equipment exposure to harmful levels of recommended. The user sl the equipment since protect Personal protective equip Respiratory protection	ards, irds of nces i ent. I ent. I of this hould tion is	sonal protection biological exposure standards, etc. f this material (see Section 2), applicable exposure limits, job n the work place when designing engineering controls and select f engineering controls or work practices are not adequate to preve material, the personal protective equipment listed below is read and understand all instructions and limitations supplied with a usually provided for a limited time or under certain circumstance f lf 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.

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		product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin and body protection	:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate:. Lightweight protective clothing.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
Protective measures	:	Wear suitable protective equipment. When using do not eat, drink or smoke.
CTION 9: Physical and chem	ical	properties
Information on basic physi	ical	and chemical properties
Appearance	car	
Physical state		liquid
Color	:	Colorless
Odor Odor Threshold		Odorless No data available
Odor Threshold	•	No data avallable
рН	:	Not applicable
Pour point	:	<-42°C (<-44°F)
Melting point/freezing point		No data available
Boiling point/boiling range	:	>260°C (>500°F)
Flash point	:	246-271°C (475-520°F) Method: Cleveland Open Cup
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Lower explosion limit	:	No data available
Upper explosion limit	:	No data available
Vapor pressure	:	No data available
Solubility	:	Soluble in hydrocarbon solvents; insoluble in water.
Density	:	6.87 - 6.96 L/G
Vapor density		No data available

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Autoignition temperature	: 351°C (664°F)
Decomposition temperature	: No data available
Viscosity, kinematic	: 38 cSt at 40°C (104°F) Method: ASTM D 445
Molecular weight	: Not applicable
CTION 10: Stability and reacti	vity
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	ictions
Hazardous reactions	: Hazardous reactions: No dangerous reaction known under conditions of normal use.
	Hazardous reactions: Hazardous polymerization does not occur.
	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	: Carbon oxides
Other data	: No decomposition if stored and applied as directed.
CTION 11: Toxicological infor	mation
Information on exposure ro	utes
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Acute oral toxicity	 LD50: > 5,000 mg/kg Species: Rat Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Acute inhalation toxicity	: LC50: > 5 mg/l Exposure time: 4 h Species: Rat Test atmosphere: dust/mist Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Acute dermal toxicity	 LD50: > 2,000 mg/kg Species: Rat Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Skin corrosion or irritation	: No skin irritation Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Eye corrosion or irritation	: No eye irritation Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Respiratory Sensitization	: No data available
Synfluid® PAO 7 cSt Skin sensitization	Did not cause sensitization on laboratory animals.
Synfluid® PAO 7 cSt Repeated dose toxicity	 Species: Rat, Male and female Sex: Male and female Application Route: oral gavage Dose: 0, 1000 mg/kg/day Exposure time: 28 days NOEL: 1,000 mg/kg Method: OECD Test Guideline 407 Information given is based on data obtained from similar substances.
Synfluid® PAO 7 cSt Germ cell mutagenicity (in vitro)	: Test Type: Ames test Result: negative
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	Remarks: Information refers to the main ingredient.
	Test Type: Chromosome aberration test in vitro
	Result: negative Remarks: Information refers to the main ingredient.
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Germ cell mutagenicity (in vivo)	: Test Type: Mouse micronucleus assay Result: negative
	Remarks: Information refers to the main ingredient.
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.
Synfluid® PAO 7 cSt Aspiration toxicity Toxicology Assessment	: No aspiration toxicity classification.
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CMR effects	: Carcinogenicity: Not classifiable as a human carcinogen.
	Mutagenicity:
	Animal testing did not show any mutagenic effects. Teratogenicity:
	Did not show teratogenic effects in animal experiments. Reproductive toxicity:
	No toxicity to reproduction
CTION 12: Ecological informa	tion
Ecological Toxicity	
Toxicity to fish	: LL50: > 1,000 mg/l
	Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout) static test Test substance: no
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	Method: OECD Test Guideline 203 Information given is based on data obtained from similar substances.
Toxicity to daphnia and other aquatic invertebrates	 EL50: > 1,000 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) static test Test substance: no Method: OECD Test Guideline 202 Information given is based on data obtained from similar substances.
Toxicity to algae	 NOEC: > 1,000 mg/l Exposure time: 96 h Species: Selenastrum capricornutum (algae) Method: OECD Test Guideline 201 Information given is based on data obtained from similar substances.
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	 NOEC: 125 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test substance: no The product has low solubility in the test medium. An aqueous dispersion was tested. Information given is based on data obtained from similar substances.
Persistence and degradability	
Persistence and degradability	: Result: Expected to be inherently biodegradable.
Bioaccumulative	: Method: QSAR modeled data This material is not expected to bioaccumulate.
Mobility	: No data available
Results of PBT assessment	: Not 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 method	: Dispose of wastes in an approved waste disposal facility.
Disposal precaution	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

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.

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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.

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

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	•	Not applicable	
		Not applicable	
		Not relevant	
Harmful Substances Required Permission for Manufacture	:	Not applicable	
		Not relevant	
		Not applicable	
	iva	luation, etc. of Chemical Substances, C	
Regulation		Chemical name	Threshold limits
Toxic Chemicals	:	Not applicable	
		Not relevant	
		Not applicable	
Prohibited Chemicals	:	Not relevant	
		Not applicable	
		Not applicable	
Observational chemicals	:	Not relevant	
Restricted Chemicals	:	Not relevant	
		Not applicable	
		Not applicable	
Toxic Release Inventory	:	Not applicable	
		Not applicable	
	_		
Dangerous Substances Safet Dangerous Substances Safety Management Act		Not relevant	
Dangerous Substances		Not relevant Ianagement Act	
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest	:	Not relevant Ianagement Act Not relevant Not applicable and foreign laws	
Dangerous Substances Safety Management Act Regulations by the Waste Management Act	:	Not relevant Ianagement Act Not relevant Not applicable and foreign laws This product is in full compliance a	ccording to REACH
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH	:	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC.	-
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV	ic a	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC. Not in compliance with the inventor	ry
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA	ic a	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC.	ry
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL	ic a	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC. Not in compliance with the inventor On or in compliance with the active TSCA inventory All components of this product are DSL	ry e portion of the on the Canadian
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL Australia AICS	ic a	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC. Not in compliance with the inventor On or in compliance with the active TSCA inventory All components of this product are DSL On the inventory, or in compliance	ry e portion of the on the Canadian with the inventory
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL Australia AICS New Zealand NZIoC	ic a	Not relevant Ianagement Act Not relevant Not relevant and foreign laws : This product is in full compliance a regulation 1907/2006/EC. : Not in compliance with the inventor : On or in compliance with the active TSCA inventory : All components of this product are DSL : On the inventory, or in compliance	ry e portion of the on the Canadian with the inventory with the inventory
Dangerous Substances Safety Management Act Regulations by the Waste Management Act Regulations by other domest Europe REACH Switzerland CH INV United States of America (USA) TSCA Canada DSL Australia AICS	ic a	Not relevant Ianagement Act Not relevant Not relevant Not applicable and foreign laws This product is in full compliance a regulation 1907/2006/EC. Not in compliance with the inventor On or in compliance with the active TSCA inventory All components of this product are DSL On the inventory, or in compliance	ry e portion of the on the Canadian with the inventory with the inventory with the inventory e registered, notified

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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. entory

Other regulations	: No data available
China IECSC Taiwan TCSI	 On the inventory, or in compliance with the inventory On the inventory, or in compliance with the inventory On the inventory, or in compliance with the inventory
Philippines PICCS	: On the inventory, or in compliance with the inventory

: No data available

SECTION 16: Other information

Source of data	:	Korea. GHS based classification	
Date of initial writing	:	2018-01-03	
Revision number	:	1	
Last revision date	:	2022-09-08	
NFPA Classification	:	Health Hazard: 0 Fire Hazard: 1 Reactivity Hazard: 0	



Other information

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.

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	Key or legend to abbreviations and a	cronyms used	d in the safety data sheet
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	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 Substance
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%		

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