SAFETY DATA SHEET



Synfluid® Dimer C12

Version 1.11

Revision Date 2023-10-09

TION 1: Identification of the substance/mixture and of the company/undertaking		
Product information		
Product Name	: Synfluid®	
Material	: 1079709,	1079650
	. Cunthotia	Lubricanto
Use	: Synthetic	Lubricants
Company		Phillips Chemical Company LP
		Pines Drive
	The Wood	llands, TX 77380
Emergency telephone):	
Health:		
866.442.9628 (North		
1.832.813.4984 (Inte	ernational)	
Transport:	24.9300 or 703.527.3	887/int'l)
		China: 0532 8388 9090
Mexico CHEMTREC	C 01-800-681-9531 (2	24 hours)
		0800.111.767 Outside Brazil: +55.19.3467.1600
Argentina: +(54)-11		- · 00 44500540 (telefore)
	14.584545 (phone) 0 06 43 43 (24 hours/0	r +32.14583516 (telefax)
	45 (24 hours/day, 7 d	
Bulgaria: +359 2 91		
5	3 342 (24 hours/day,	7 days/week)
Cyprus: 1401		
		on Center +420 224 919 293, +420 224 915 402
	oison Center (Giftlinj	en): +45 8212 1212 +32.14583516 (telefax)
	11 09 471 977 (24 ł	
) 1 45 42 59 59 (24 hours/day, 7 days/week)
		r +32.14583516 (telefax)
	7793777 (24 hours/d	
	1-199 (24 hours/day	
	24 hours/day, 7 days	,
	4545 (phone) or +32	32.14583516 (telefax) 14583516 (telefax)
		hone number: 112; Toxicology and Sepsis Clinic
		Hipokrāta 2, Riga, Latvia, LV-1038, phone number +3
67042473. (24 hou	,	
Liechtenstein: BIG +	-32.14.584545 (phor	e) or +32.14583516 (telefax)
Number:10000001408	2	1/12

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Lithuania: +370 (85) 2382052 Luxembourg: (+352) 8002 2380 (24 hours/day, 7 days/week) Mata: -366 2395 2000 The Netherlands: NVIC: +31 (0)88 755 8000 Norway: 22 59 13 00 (24 hours/day, 7 days/week) Poland: EIG +32.14.584546 (phone) or +32.14683516 (telefax) Portugat: CIAV phone number: +38 800 260 250 Romania: +40213133806 Slovakia: +421 2 547 4166 Slovakia: etail 2 560 CPChem.com E-mail address : SDS@ CPChem.com Website : www.CPChem.com E-mail address : SDS@ CPChem.com E-mail address :		Revision Date 2023-10-09
E-mail address Website : SDS@CPChem.com SECTION 2: Hazards identification SECTION 2: Hazards identification Classification of the substance or mixture This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard. Classification : Acute toxicity, Category 4, Inhalation Aspiration hazard, Category 1 Labeling Symbol(s) : Acute toxicity, Category 4, Inhalation Aspiration hazard, Category 1 Labeling Symbol(s) : Danger Hazard Statements : H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled. Precautionary Statements : H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled. Precautionary Statements : Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P271 Use only outdoors or in a well-ventilated area. Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304 + P310 J F SWALLOWED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor. P304 + P310 IF SWALLOWED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor. P304 + P310 J Do NOT induce vomiting. Storage: P405 Store locked up. Disposai: P501 Dispose of contents/ container to an approved waste disposal plant.	Luxembourg: (+352) 800 Malta: +356 2395 2000 The Netherlands: NVIC: Norway: 22 59 13 00 (24 Poland: BIG +32.14.5845 Portugal: CIAV phone nu Romania: +40213183606 Slovakia: +421 2 5477 47 Slovenia: Phone number Spain: National Emergen hours/day, 7 days/week)	2 5500 (24 hours/day, 7 days/week) +31 (0)88 755 8000 hours/day, 7 days/week) 545 (phone) or +32.14583516 (telefax) mber: +351 800 250 250 5 166 : 112 cy Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24
Classification of the substance or mixture This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard. Classification : Acute toxicity, Category 4, Inhalation Aspiration hazard, Category 1 Labeling : Danger Symbol(s) : Danger Hazard Statements : H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled. Precautionary Statements : Prevention: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P311 = P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P311 P311 = IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P311 D NOT induce vomiting. Storage: P405 P405 Stora locked up. Disposal P501 P501 Dispose of contents/ container to an approved waste disposal plant.	E-mail address	: SDS@CPChem.com
This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.	SECTION 2: Hazards identification	tion
Symbol(s)::Signal Word:DangerHazard Statements:H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled.Precautionary Statements: Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P271 Use only outdoors or in a well-ventilated area. Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P331 Do NOT induce vomiting. Storage: P405 Store locked up.P405 Store locked up. Dispose of contents/ container to an approved waste disposal plant.	This product has been class 1910.1200; the SDS and lab	 ified in accordance with the hazard communication standard 29 CFR bels contain all the information as required by the standard. : Acute toxicity, Category 4, Inhalation
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Hazard Statements : H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled. Precautionary Statements : Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P271 Use only outdoors or in a well-ventilated area. Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P331 Do NOT induce vomiting. Storage: P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.	Symbol(s)	
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SDS Number:100000014082 2/12	Precautionary Statements	 P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P271 Use only outdoors or in a well-ventilated area. Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P331 Do NOT induce vomiting. Storage: P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste
	SDS Number:100000014082	2/12
	020 Number: 100000014002	

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• • • •			
Carcinogenicity: IARC	equal to 0.1% is identified as	present at levels greater than or probable, possible or confirmed	
ΝΤΡ	human carcinogen by IARC. No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.		
CTION 3: Composition/infor	mation on ingredients		
Synonyms	: PAO, Polyalphaolefin		
Molecular formula	: (C12H24)2		
Component	CAS-No.	Weight %	
1-Dodecene, Dimer Unhydr		100	
CTION 4: First aid measures	6		
General advice		a. Show this material safety data	
		dance. Material may produce a eumonia if swallowed or vomited.	
If inhaled	: Consult a physician after si place in recovery position a	ignificant exposure. If unconscious, and seek medical advice.	
In case of eye contact		precaution. Remove contact eye. Keep eye wide open while sists, consult a specialist.	
If swallowed		 Never give anything by mouth to symptoms persist, call a physician. hospital. 	
CTION 5: Firefighting measure	ures		
Flash point	: 186°C (367°F)		
Autoignition temperature	: 341°C (646°F)		
Unsuitable extinguishing media	: High volume water jet.		
Special protective equipment for fire-fighters	: Wear self-contained breath necessary.	ing apparatus for firefighting if	
	. Standard procedure for ab		
Further information		emical fires. Use extinguishing iate to local circumstances and the	

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Fire and explosion protection	: Normal measures for preventive fire protection.			
CTION 6: Accidental release measures				
Personal precautions	: Use personal protective equipment. Ensure adequate ventilation.			
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.			
Methods for cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, a binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	cid		
ECTION 7: Handling and stor	je			
Handling				
Advice on safe handling	: Avoid formation of aerosol. Do not breathe vapors/dust. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispo of rinse water in accordance with local and national regulations.	e		
Advice on protection against fire and explosion	: Normal measures for preventive fire protection.			
Storage				
Requirements for storage areas and containers	: Keep container tightly closed in a dry and well-ventilated plac Observe label precautions. Electrical installations / working materials must comply with the technological safety standard			
Use	: Synthetic Lubricants			
ECTION 8: Exposure controls	personal protection			
Engineering measures				
Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels of recommended. The user sh	of airborned concentrations below the exposure guidelines/limits. s of this material (see Section 2), applicable exposure limits, job es in the work place when designing engineering controls and se t. If engineering controls or work practices are not adequate to p this material, the personal protective equipment listed below is uld read and understand all instructions and limitations supplied n is usually provided for a limited time or under certain circumsta	orever with		
Personal protective equip	ent			
Respiratory protection	: If ventilation or other engineering controls are not adequate t maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure, a supplied-air NIOSH approve			

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	respirator may be appropriate. If exposure to harmful levels of airborne material may occur, a NIOSH approved respirator that provides protection may be appropriate, such as:. Air-Purifying Respirator for Organic Vapors, Dusts and Mists. A positive pressure, air-supplying respirator may be appropriate if there is potential for uncontrolled release, aerosolization, exposure levels are not known, or other circumstances where air- purifying respirators may not provide adequate protection.
Hand protection	: The suitability for a specific workplace should be discussed with the producers of the protective gloves. 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 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 in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate:. Protective suit. Safety shoes.
Hygiene measures	: When using do not eat or drink. When using do not smoke.
	Wash hands before breaks and at the end of workday.
CTION 9: Physical and cher	
	nical properties
Information on basic physic	nical properties
Information on basic physic Appearance Form Physical state	nical properties sical and chemical properties i liquid i liquid i liquid
Information on basic physical state Color	nical properties sical and chemical properties i liquid i liquid i liquid
Information on basic physical state Color Safety data	nical properties sical and chemical properties : liquid : liquid : Clear, colorless
Information on basic physical state Color Safety data Flash point	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F)
Information on basic physical state Color Safety data Flash point Lower explosion limit	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable
Information on basic physical state Color Safety data Flash point Lower explosion limit	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable
Information on basic physical state Color Safety data Flash point Lower explosion limit Oxidizing properties	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable : no
Information on basic physical state Form Physical state Color Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Molecular formula	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable : no : 341°C (646°F) : (C12H24)2
Information on basic physical state Form Physical state Color Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Molecular formula Molecular weight	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable : no : 341°C (646°F) : (C12H24)2 : 336.72 g/mol
Information on basic physical state Form Physical state Color Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Molecular formula	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable : no : 341°C (646°F) : (C12H24)2
Information on basic physical state Form Physical state Color Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Molecular formula Molecular weight pH	nical properties sical and chemical properties : liquid : liquid : Clear, colorless : 186°C (367°F) : Not applicable : Not applicable : no : 341°C (646°F) : (C12H24)2 : 336.72 g/mol : Not applicable

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Boiling point/boiling range	: >250°C (>482°F)
Vapor pressure	: < 0.02 PSI at 37.8°C (100.0°F)
Relative density	: 0.8074 at 15.6 °C (60.1 °F)
Density	: 807.7 g/l
Water solubility	: Soluble in hydrocarbon solvents; insoluble in water.
Partition coefficient: n-	: No data available
octanol/water Viscosity, kinematic	: 7.5 cSt at 40°C (104°F)
Relative vapor density	: 7 (Air = 1.0)
Evaporation rate	: No data available
Reactivity	: Stable at normal ambient temperature and pressure.
Reactivity Chemical stability	 Stable at normal ambient temperature and pressure. This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Chemical stability Possibility of hazardous re	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as
Chemical stability Possibility of hazardous re Hazardous reactions	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed.
Chemical stability Possibility of hazardous re Hazardous reactions Conditions to avoid	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed. No data available.
Chemical stability Possibility of hazardous re Hazardous reactions Conditions to avoid Materials to avoid	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed. No data available.
Chemical stability Possibility of hazardous re Hazardous reactions Conditions to avoid Materials to avoid Other data	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed. No data available.
Chemical stability Possibility of hazardous re Hazardous reactions Conditions to avoid Materials to avoid Other data <u>TION 11: Toxicological info</u>	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed. No data available. No data available. No data available. No data available. No decomposition if stored and applied as directed.
Chemical stability Possibility of hazardous re Hazardous reactions Conditions to avoid Materials to avoid Other data <u>TION 11: Toxicological info</u> Acute oral toxicity 1-Dodecene, Dimer	 This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. actions Further information: No decomposition if stored and applied as directed. No data available. No data available. No data available. No decomposition if stored and applied as directed. rmation LD50 Oral: > 5,000 mg/kg Species: Rat Information given is based on data obtained from similar

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Synfluid® Dimer C12 Acute inhalation toxicity	: LC50: 1.71 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Acute toxicity estimate	
Synfluid® Dimer C12 Acute dermal toxicity	: Acute toxicity estimate: 2,500 mg/kg Method: Calculation method	
Skin irritation		
1-Dodecene, Dimer Unhydrogenated	: No skin irritation. Information given is based on data obtained from similar substances.	
Eye irritation 1-Dodecene, Dimer Unhydrogenated	: No eye irritation. Information given is based on data obtained from similar substances.	
Sensitization		
1-Dodecene, Dimer Unhydrogenated	: Did not cause sensitization on laboratory animals. Information given is based on data obtained from similar substances.	
Aspiration toxicity		
1-Dodecene, Dimer Unhydrogenated	: May be fatal if swallowed and enters airways.	
Synfluid® Dimer C12 Further information	: Solvents may degrease the skin.	
CTION 12: Ecological informa	ion	
Ecotoxicity effects		
Toxicity to fish	: Not classified due to data which are conclusive although insufficient for classification.	
Toxicity to daphnia and other aquatic invertebrates	: Not classified due to data which are conclusive although insufficient for classification.	
Toxicity to algae	Not classified due to data which are conclusive although insufficient for classification.	

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

Elimination information (persistence and degradability)

Bioaccumulation

: This material is not expected to bioaccumulate.

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Mobility	: No data available
Results of PBT assessment 1-Dodecene, Dimer Unhydrogenated	: This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).
Additional ecological information	: This material is not expected to be harmful to aquatic organisms.
	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.
CTION 13: Disposal consider	ations
The information in this SDS p	ertains only to the product as shipped.
may meet the criteria of a haz	purpose or recycle if possible. This material, if it must be discarded, zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for
may meet the criteria of a haz other State and local regulation regulated components may be	
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was	zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility.	 zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility. Product Contaminated packaging	 zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility. Product Contaminated packaging CTION 14: Transport information The shipping descriptions s	 zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility. Product Contaminated packaging CTION 14: Transport informat The shipping descriptions as shipments in non-bulk pack Consult the appropriate dome Goods Regulations for addition etc.) Therefore, the information	 cardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility. Product Contaminated packaging CTION 14: Transport informate The shipping descriptions as shipments in non-bulk pack Consult the appropriate dome Goods Regulations for addition etc.) Therefore, the informate description for the material. F bill of lading.	 zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. tion shown here are for bulk shipments only, and may not apply to tages (see regulatory definition). estic or international mode-specific and quantity-specific Dangerous on shown here, may not always agree with the bill of lading shipping clashpoints for the material may vary slightly between the SDS and terms for the material may vary slightly between the SDS and terms.
may meet the criteria of a haz other State and local regulation regulated components may be classified as a hazardous was disposal facility. Product Contaminated packaging CTION 14: Transport information of the shipping descriptions as shipments in non-bulk pack Consult the appropriate dome Goods Regulations for addition etc.) Therefore, the information description for the material. F bill of lading. US DOT (UNITED STATES D NOT REGULATED AS A H TRANSPORTATION BY T	 zardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. tion shown here are for bulk shipments only, and may not apply to tages (see regulatory definition). estic or international mode-specific and quantity-specific Dangerous on shown here, may not always agree with the bill of lading shipping clashpoints for the material may vary slightly between the SDS and terms for the material may vary slightly between the SDS and terms.

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NOT REGULATED AS A TRANSPORTATION BY	A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
	IR TRANSPORT ASSOCIATION) A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR 7 THIS AGENCY.
	ANGEROUS GOODS BY ROAD (EUROPE)) A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR 7 THIS AGENCY.
DANGEROUS GOODS (EU NOT REGULATED AS A	A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR
TRANSPORTATION BY	THIS AGENCY.
OF DANGEROUS GOODS	MENT CONCERNING THE INTERNATIONAL CARRIAGE BY INLAND WATERWAYS) A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
Maritime transport in bull	c according to IMO instruments
Maritime transport in bull CTION 15: Regulatory infor	
CTION 15: Regulatory infor	
CTION 15: Regulatory inform	mation : Acute toxicity (any route of exposure)
CTION 15: Regulatory inform National legislation SARA 311/312 Hazards CERCLA Reportable	mation : Acute toxicity (any route of exposure) Aspiration hazard : This material does not contain any components with a CERCLA
CTION 15: Regulatory inform National legislation SARA 311/312 Hazards CERCLA Reportable Quantity SARA 302 Reportable	 mation Acute toxicity (any route of exposure) Aspiration hazard This material does not contain any components with a CERCLA RQ. This material does not contain any components with a SARA
CTION 15: Regulatory inform National legislation SARA 311/312 Hazards CERCLA Reportable Quantity SARA 302 Reportable Quantity SARA 302 Threshold	 mation Acute toxicity (any route of exposure) Aspiration hazard This material does not contain any components with a CERCLA RQ. This material does not contain any components with a SARA 302 RQ. This material does not contain any components with a section
CTION 15: Regulatory inform National legislation SARA 311/312 Hazards CERCLA Reportable Quantity SARA 302 Reportable Quantity SARA 302 Threshold Planning Quantity SARA 304 Reportable	 mation Acute toxicity (any route of exposure) Aspiration hazard This material does not contain any components with a CERCLA RQ. This material does not contain any components with a SARA 302 RQ. This material does not contain any components with a section 302 EHS TPQ. This material does not contain any components with a section

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SARA 313 Components	 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act	
Potential Class II	duct neither contains, nor was manufactured with a Class I or ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR ot. A, App.A + B).
This product does not contain a Act Section 112 (40 CFR 61).	any hazardous air pollutants (HAP), as defined by the U.S. Clean Ai
This product does not contain a Accidental Release Prevention	any chemicals listed under the U.S. Clean Air Act Section 112(r) for (40 CFR 68.130, Subpart F).
This product does not contain a Intermediate or Final VOC's (4	any chemicals listed under the U.S. Clean Air Act Section 111 SOC 0 CFR 60.489).
US State Regulations	
US State Regulations Pennsylvania Right To Know	
	: 1-Dodecene, Dimer Unhydrogenated - 62132-67-6
Pennsylvania Right To Know	 1-Dodecene, Dimer Unhydrogenated - 62132-67-6 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.
Pennsylvania Right To Know California Prop. 65	 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. This product is in full compliance according to REACH
Pennsylvania Right To Know California Prop. 65 Components Notification status Europe REACH Switzerland CH INV	 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. This product is in full compliance according to REACH regulation 1907/2006/EC. Not in compliance with the inventory
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Synfluid® Dimer C12

SAFETY DATA SHEET

Version 1.11

Revision Date 2023-10-09

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