FETY DATA SHEET	
	Chevron
	Phillips CHEMICAL
	tan (tert-Dodecanethiol)
rsion 1.1	Revision Date 2022-07-2
CTION 1: Identification of	the substance/mixture and of the company/undertaking
Product information	
Product Name Material	 Sulfole® 120 Mercaptan (tert-Dodecanethiol) 1124727, 1124726, 1121184, 1113774, 1017942, 1111452, 1024818, 1024817, 1103990, 1084934, 1101771, 1086417, 1086418, 1021548, 1036536, 1035962, 1021538, 1021539, 1021542, 1021543, 1021544, 1021546, 1021547, 1021550, 1021551, 1021552, 1021553, 1021719, 1032613, 1021545, 1021549, 10462848
Company	: Chevron Phillips Chemical Company LP 10001 Six Pines Drive The Woodlands, TX 77380
Local	: Chevron Phillips TURKEY Barbaros Mahallesi,Ihlamur Sokak.Agaoglu My Prestige Binası,No:1 D:100 34746, Atasehir-Istanbul-Turkey
	SDS Requests: (800) 852-5530 Responsible Party: Product Safety Group Email:sds@cpchem.com
Emergency telephone:	
Health: 866.442.9628 (North A 1.832.813.4984 (Intern Transport:	ational)
Asia: CHEMWATCH (+ Mexico CHEMTREC 0 ⁷	9300 or 703.527.3887(int'l) -612 9186 1132) China: 0532 8388 9090 1-800-681-9531 (24 hours) otec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600 839431
EUROPE: BIG +32.14. Austria: VIZ +43 1 406 Belgium: 070 245 245 (Bulgaria: +359 2 9154 Croatia: +3851 2348 34	584545 (phone) or +32.14583516 (telefax) 43 43 (24 hours/day, 7 days/week) (24 hours/day, 7 days/week)
Cyprus: 1401	

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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 : Product Safety and Toxicology Group Responsible Department SDS@CPChem.com E-mail address Website www.CPChem.com **SECTION 2: Hazards identification** Classification of the substance or mixture T.R. SEA No 28848 Skin irritation, Category 2 H315: Causes skin irritation. H319: Eye irritation, Category 2 Causes serious eye irritation. Skin sensitization, Sub-category 1B H317: May cause an allergic skin reaction. Long-term (chronic) aquatic hazard, H413: Category 4 May cause long lasting harmful effects to aquatic

life.

Label elements

Labeling

Hazard pictograms

Signal Word

: Warning

SDS Number:100000068802

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fole® 120 Mercapt		a coano ano n
sion 1.1	,	Revision Date 2022-0
Hazard Statements	: H315 H317 H319 H413	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause long lasting harmful effects to aquatic life
Precautionary Statements	: Prevention P261 P264 P273 P280 Response P333 + P3	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/ eye protection/ face protection.
	P337 + P3	advice/ attention.
-	rmation on ingre	edients
TION 3: Composition/info Synonyms	: TDM Tertiary Do	edients odecyl Mercaptan cyl Mercaptan
	: TDM Tertiary Do	odecyl Mercaptan
Synonyms	: TDM Tertiary Do Tert Dodeo	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. Concentration
Synonyms Molecular formula	: TDM Tertiary Do Tert Dodeo	odecyl Mercaptan cyl Mercaptan
Synonyms Molecular formula Chemical name	: TDM Tertiary Do Tert Dodeo : UVCB	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. [wt%]
Synonyms Molecular formula Chemical name tert-Dodecanethiol	: TDM Tertiary Do Tert Dodeo : UVCB	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. [wt%]
Synonyms Molecular formula Chemical name tert-Dodecanethiol TION 4: First aid measure	: TDM Tertiary Do Tert Dodeo : UVCB : UVCB	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. Concentration [wt%] 25103-58-6 90 - 100 of dangerous area. Show this material safety data e doctor in attendance. Material may produce a
Synonyms Molecular formula Chemical name tert-Dodecanethiol TION 4: First aid measure General advice	 TDM Tertiary Do Tert Dodeo UVCB S Move out of sheet to the serious, po If unconsci advice. If s If skin irrita 	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. Concentration [wt%] 25103-58-6 90 - 100 of dangerous area. Show this material safety data e doctor in attendance. Material may produce a otentially fatal pneumonia if swallowed or vomited. ous, place in recovery position and seek medical
Synonyms Molecular formula Chemical name tert-Dodecanethiol TION 4: First aid measure General advice	 TDM Tertiary Do Tert Dodeo UVCB S Move out of sheet to the serious, pool If unconsci advice. If s If skin irrita with water. Immediate lenses. Pr 	odecyl Mercaptan cyl Mercaptan CAS-No. / EINECS-No. Concentration [wt%] 25103-58-6 90 - 100 of dangerous area. Show this material safety data e doctor in attendance. Material may produce a otentially fatal pneumonia if swallowed or vomited. ous, place in recovery position and seek medical symptoms persist, call a physician. tion persists, call a physician. If on skin, rinse well

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physician. Take victim immediately to hospital.

SECTION 5: Firefighting measures			
Flash point	:	98-110°C (208-230°F) Method: closed cup	
Autoignition temperature	:	198-230°C (388-446°F)	
Unsuitable extinguishing media	:	High volume water jet.	
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.	
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.	
Fire and explosion protection	:	Normal measures for preventive fire protection.	
Hazardous decomposition products	:	Carbon oxides. Sulfur oxides.	
SECTION 6: Accidental release	me	asures	
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, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	
SECTION 7: Handling and storage			
Handling	_		
Advice on safe handling	:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is	
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		being used.
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 place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8: Exposure controls/personal protection

Ingredients with workplace control parameters

Chevron Phillips Chemical Company LP

Components	Basis	Value	Control parameters	Note
tert-Dodecanethiol	Manufacturer	TWA	0,1 ppm,	
TR				
Components	Basis	Value	Control parameters	Note

Engineering measures

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	: Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as:. Use a positive pressure, air-supplying respirator 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.
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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:. Remove and wash contaminated clothing before re-use. Skin should be washed after contact. Footwear protecting against chemicals.
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. Avoid contact with skin.
TION 9: Physical and chem	cal properties
Information on basic physi	cal and chemical properties
Appearance	
Physical state	: liquid
Color Odor	: Colorless : Repulsive
Safety data	
Flash point	: 98-110°C (208-230°F)
·	Method: closed cup
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Oxidizing properties	: No
Autoignition temperature	: 198-230°C (388-446°F)
Thermal decomposition	: 300 °F
Molecular formula	: UVCB
Molecular weight	: Varies
рН	: Not applicable
Melting point/freezing point	: -16°C (3°F)
Pour point	No data available
Boiling point/boiling range	: 233°C (451°F)
Vapor pressure	: 4,00 Pa at 24°C (75°F)
Relative density	: 0,86
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	at 16 °C (61 °F)
Water solubility	: 0,00393 mg/l Method: OECD Test Guideline 105
Partition coefficient: n- octanol/water	: Pow: 7,43 at 20°C (68°F)
Viscosity, dynamic	: 2,6 cP at 20°C (68°F)
Viscosity, kinematic	: No data available
Relative vapor density	: 3 (Air = 1.0)
Evaporation rate	: <1
CTION 10: Stability and reacti	vity
Reactivity	: Stable under recommended storage conditions.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous rea	ctions
Hazardous reactions	: Further information: No decomposition if stored and applied as directed.
Conditions to avoid	: Heat, sparks, fire, and oxidizing agents.
Materials to avoid	: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Thermal decomposition	: 300 °F
Hazardous decomposition products	: Carbon oxides Sulfur oxides
Other data	: No decomposition if stored and applied as directed.
CTION 11: Toxicological infor	mation
Acute oral toxicity	
tert-Dodecanethiol	: LD50: > 2.000 mg/kg Species: Rat
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	Sex: female Method: OECD Test Guideline 423
Acute inhalation toxicity	
tert-Dodecanethiol	 LC50: > 1,97 mg/l Exposure time: 4 h Species: Rat Sex: male and female Method: OECD Test Guideline 403 Information given is based on data obtained from similar substances.
Acute dermal toxicity	
tert-Dodecanethiol	 LD50: > 2.000 mg/kg Species: Rat Sex: male Method: OECD Test Guideline 402 Information given is based on data obtained from similar substances.
Skin irritation	
tert-Dodecanethiol	: Skin irritation
Eye irritation tert-Dodecanethiol	: Eye irritation
Sensitization	
tert-Dodecanethiol	: The product is a skin sensitizer, sub-category 1B.
Repeated dose toxicity	
tert-Dodecanethiol	 Species: Rat, male Sex: male Application Route: Inhalation Dose: 0, 26, 98 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 5 d/wk Lowest observable effect level: 26 ppm Method: OECD Test Guideline 412 Target Organs: Kidney, Liver

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	Species: Rat, female Sex: female Application Route: Inhalation Dose: 0, 26, 98 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 5 d/wk NOEL: 26 ppm Method: OECD Guideline 412 Target Organs: Liver, Kidney
	Species: Dog, male and female Sex: male and female Application Route: Inhalation Dose: 0, 25, 106 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 5 d/wk NOEL: 25 ppm Lowest observable effect level: 109 ppm Method: OECD Test Guideline 412 Target Organs: Liver
	Species: Mouse, male and female Sex: male and female Application Route: Inhalation Dose: 0, 25, 109 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 5 d/wk Lowest observable effect level: 25 ppm Method: OECD Test Guideline 412 Target Organs: Liver
	Species: Rat, male Sex: male Application Route: oral gavage Dose: 50, 100, 200 mg/kg Exposure time: 10 wk Number of exposures: once daily NOEL: 200 mg/kg Method: OECD Guideline 422 Target Organs: Kidney, Liver
	Species: Rat, female Sex: female Application Route: oral gavage Dose: 50, 100, 200 mg/kg Exposure time: 8 - 9 wk Number of exposures: once daily NOEL: 200 mg/kg Method: OECD Guideline 422 Target Organs: Liver
	Species: Rat, male Sex: male Application Route: Inhalation Dose: 5, 25, 100 ppm Exposure time: 13 wk Number of exposures: 6h/d, 5d/wk NOEL: 25 ppm Method: OECD Test Guideline 413
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	Species: Rat, female Sex: female Application Route: Inhalation Dose: 5, 25, 100 ppm Exposure time: 13 wk Number of exposures: 6h/d, 5d/wk NOEL: 25 ppm Method: OECD Test Guideline 413
Genotoxicity in vitro	
tert-Dodecanethiol	: Test Type: Ames test Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative
	Test Type: Mouse lymphoma assay Metabolic activation: with and without metabolic activation Method: OECD Guideline 476 Result: negative
	Test Type: Sister Chromatid Exchange Assay Metabolic activation: with and without metabolic activation Method: OECD Guideline 479 Result: negative
	Test Type: Chromosome aberration test in vitro Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative
Genotoxicity in vivo	
tert-Dodecanethiol	: Test Type: In vivo micronucleus test Species: Mouse Route of Application: Oral Dose: 1250, 2500, 5000 mg/kg/bw Method: Mutagenicity (micronucleus test) Result: negative Remarks: Information given is based on data obtained from similar substances.
Reproductive toxicity	
tert-Dodecanethiol	: Species: Rat Sex: male Application Route: oral gavage Dose: 50, 100, 200 mg/kg/d Exposure time: 10 wk Number of exposures: Daily Method: OECD Guideline 422 NOAEL Parent: 200 mg/kg Animal testing did not show any effects on fertility.
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	Species: Rat Sex: female Application Route: oral gavage Dose: 50, 100, 200 mg/kg/d Exposure time: 8 - 9 wk Number of exposures: Daily Method: OECD Guideline 422 NOAEL Parent: 200 mg/kg NOAEL F1: 100 mg/kg Animal testing did not show any effects on fertility. Reduced fetal weight.
	Species: Rat Sex: male Application Route: oral gavage Dose: 25, 75, 200 mg/kg/d Exposure time: 18 wk Number of exposures: Daily Method: OECD Test Guideline 443 NOAEL Parent: 200 mg/kg NOAEL F1: 200 mg/kg NOAEL F2: 200 mg/kg Animal testing did not show any effects on fertility.
	Species: Rat Sex: female Application Route: oral gavage Dose: 25, 75, 200 mg/kg/d Exposure time: 16 - 18 wk Number of exposures: Daily Method: OECD Test Guideline 443 NOAEL Parent: 200 mg/kg NOAEL F1: 200 mg/kg NOAEL F2: 200 mg/kg Animal testing did not show any effects on fertility. Reduced fetal weight.
Developmental Toxicity tert-Dodecanethiol	: Species: Rat Application Route: Inhalation Dose: 0, 22.7, 88.6 ppm Number of exposures: 6 hrs/d Test period: GD 6-19 Method: OECD Guideline 414 NOAEL Teratogenicity: >= 88.6 ppm No adverse effects expected
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Version 1.1 Revision Date 2022-07-12 Species: Mouse **Application Route: Inhalation** Dose: 0, 22.7, 88.6 ppm Number of exposures: 6 hrs/d Test period: GD 6-19 Method: OECD Guideline 414 NOAEL Teratogenicity: >= 88.6 ppm No adverse effects expected Species: Rabbit Application Route: oral gavage Dose: 0, 50, 100, 200 mg/kg/d Number of exposures: Daily Test period: GD 6-28 Method: OECD Guideline 414 NOAEL Teratogenicity: 100 mg/kg NOAEL Maternal: 100 mg/kg Embryotoxic effects and adverse effects on the offspring were detected only at high maternally toxic doses Sulfole® 120 Mercaptan (tert-Dodecanethiol) Aspiration toxicity : May be harmful if swallowed and enters airways. CMR effects tert-Dodecanethiol : Carcinogenicity: Not available Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Teratogenicity: Animal testing did not show any effects on fetal development. Reproductive toxicity: No toxicity to reproduction Sulfole® 120 Mercaptan (tert-Dodecanethiol) Further information : Solvents may degrease the skin. **SECTION 12: Ecological information** Toxicity to fish tert-Dodecanethiol : LL50: > 100 mg/l Exposure time: 96 h Species: Danio rerio (Zebra Fish) static test Method: OECD Test Guideline 203 No toxicity at the limit of solubility. Toxicity to daphnia and other aquatic invertebrates tert-Dodecanethiol : EC50: > 0,056 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) semi-static test Method: OECD Test Guideline 202 No toxicity at the limit of solubility. SDS Number:10000068802 12/16

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Toxicity to bacteria			
tert-Dodecanethiol	: NOEC: 8,6 mg/l Exposure time: 3 h Growth rate Respiration inhibition Method: OECD Test Guideline 209		
	NOEC: > 10 mg/l Exposure time: 3 h Growth rate Respiration inhibition Method: OECD Test Guideline 209		
Toxicity to daphnia and othe	er aquatic invertebrates (Chronic toxicity)		
tert-Dodecanethiol	NOEC: 0,0108 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) semi-static test Method: OECD Test Guideline 211 No toxicity at the limit of solubility.		
Biodegradability			
tert-Dodecanethiol	aerobic Result: Not readily biodegradable. 0 % Testing period: 28 d Method: OECD Test Guideline 301D		
Bioaccumulation			
tert-Dodecanethiol	 Species: Danio rerio (zebra fish) Exposure time: 15 d Bioconcentration factor (BCF): > 500 - < 1.950 Method: OECD Test Guideline 305 Biomagnification factor <1 The product may be accumulated in organisms. 		
Mobility			
tert-Dodecanethiol	: After release, adsorbs onto soil.		
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.		
Additional ecological information Ecotoxicology Assessment	: May cause long lasting harmful effects to aquatic life.		
Short-term (acute) aquatic haz tert-Dodecanethiol	zard : No toxicity at the limit of solubility.		
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Long-term (chronic) aquatic hazard tert-Dodecanethiol : May cause long lasting harmful effects to aquatic life.

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.

Product	: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: 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.

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)

UN3334, AVIATION REGULATED LIQUID, N.O.S., (叔十二烷硫醇), 9, III

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))

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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

: tert- Dodecanethiol, S.T. 3, Cat.Y

regulation 1907/2006/EC.

TSCA inventory

DSL

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Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

Notification status Europe REACH

Switzerland CH INV United States of America (USA) TSCA Canada DSL

Other AIIC New Zealand NZIoC Japan ENCS Korea KECI

Philippines PICCS Taiwan TCSI China IECSC

Other regulations

Record themselves notified the substances.
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
According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures: Part I"... Regulation on Classification.

This product is in full compliance according to REACH

On the inventory, or in compliance with the inventory

All components of this product are on the Canadian

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

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

On or in compliance with the active portion of the

Safety data sheets regarding hazardous substances and mixtures; Part I"., Regulation on Classification, Labelling and Packaging of Substances and Mixtures. Dated 11 December 2013, Number 28848 (Bis), Ministry of Environment and Urbanization.

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SECTION 16: Other information

Further information

Legacy SDS Number

: 34650

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.

ACGIH	Key or legend to abbreviations and a American Conference of	LD50	Lethal Dose 50%
ACGIH	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 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%		

SDS Number:100000068802