SAFETY DATA SHEET



Evabopol 196D

Version 1.2

Revision Date 2023-08-10

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product information

Product Name	:	Evabopol 196D
Material	:	1129122, 1125534, 1125533, 1125532

EC-No.Registration number

Chemical name	CAS-No. EC-No.	Legal Entity Registration number
2-Ethylhexyl mercaptoacetate	Index No. 7659-86-1 231-626-4	01-2119442696-30-XXXX

1.2

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

Relevant Identified Uses : Supported	Use in closed process, no likelihood of exposure Use in closed batch process (synthesis or formulation) Use in batch and other process (synthesis) where opportunity for exposure arises Mixing or blending in batch processes for formulation of preparations and articles (multistage and/ or significant contact) Calendering operations Transfer of substance or mixture into small containers (dedicated filling line, including weighing) Production of preparations or articles by tabletting, compression, extrusion, pelletisation Used as laboratory reagent.
	Polymer preparations and compounds
1.3 Details of the supplier of the s	afety data sheet
Company :	Chevron Phillips Chemical Company LP 10001 Six Pines Drive The Woodlands, TX 77380
Local :	Chevron Phillips Chemicals International N.V. Airport Plaza (Stockholm Building)
SDS Number:100000104590	1/14

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	Leonardo Da Vincilaan 19 1831 Diegem Belgium
	SDS Requests: (800) 852-5530 Responsible Party: Product Safety Group Email:sds@cpchem.com
Emergency telephone	e:
Health:	
866.442.9628 (Nort	
1.832.813.4984 (Int Transport :	emailonal)
CHEMTREC 800.42	24.9300 or 703.527.3887(int'l)
	H (+612 9186 1132) China: 0532 8388 9090
	C 01-800-681-9531 (24 hours) S-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600
Argentina: +(54)-11	59839431
	14.584545 (phone) or +32.14583516 (telefax) 06 43 43 (24 hours/day, 7 days/week)
	45 (24 hours/day, 7 days/week)
Bulgaria: +359 2 91	54 233
Croatia: +3851 234 Cyprus: 1401	3 342 (24 hours/day, 7 days/week)
	xicological Information Center +420 224 919 293, +420 224 915 402
	oison Center (Giftlinjen): +45 8212 1212
	I.584545 (phone) or +32.14583516 (telefax) 11 09 471 977 (24 hours/day)
France: ORFILA nu	mber (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week)
	14.584545 (phone) or +32.14583516 (telefax)
	7793777 (24 hours/day, 7 days/week))1-199 (24 hours/day, 7 days/week)
Iceland: 543 2222 (24 hours/day, 7 days/week)
	.584545 (phone) or +32.14583516 (telefax) 4545 (phone) or +32.14583516 (telefax)
Latvia: State Fire an Poisoning and Drug	nd Rescue Service, phone number: 112; Toxicology and Sepsis Clinic g Information Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +371
67042473. (24 hou Liechtenstein: BIG - Lithuania: +370 (85	-32.14.584545 (phone) or +32.14583516 (telefax)
Luxembourg: (+352) 8002 5500 (24 hours/day, 7 days/week)
Malta: +356 2395 2 The Netherlands: N	000 VIC: +31 (0)88 755 8000
	0 (24 hours/day, 7 days/week)
	.584545 (phone) or +32.14583516 (telefax)
Romania: +402131	ne number: +351 800 250 250 33606
Slovakia: +421 2 54	77 4166
Slovenia: Phone nu Spain: National Em hours/day, 7 days/v	ergency Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24
	for Poisons Information
Responsible Departme E-mail address	nt : Product Safety and Toxicology Group : SDS@CPChem.com
OS Number:10000010459	

Version 1.2

Website

: www.CPChem.com

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SECTION 2: Hazards identification

2.1

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

Acute toxicity, Category 4

Hazard pictograms

Skin sensitization, Sub-category 1B

Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1

H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

2.2

Labeling (REGULATION (EC) No 1272/2008)



Signal Word	: Warning	
Hazard Statements	: H302 H317 H410	Harmful if swallowed. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.
Precautionary Statements	: Prevention: P261 P264 P273 P280 Response: P333 + P313 P391	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves. If skin irritation or rash occurs: Get medical advice/ attention. Collect spillage.

Hazardous ingredients which must be listed on the label: 7659-86-1 2-Ethylhexyl mercaptoacetate •

2.3

Other hazards

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

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Endocrine disrupting properties	col to (El	e substance/mixture does nsidered to have endocrine REACH Article 57(f) or Co J) 2017/2100 or Commissi els of 0.1% or higher.	e disrupting prop mmission Delega	erties according ated regulation
ECTION 3: Composition/	information o	n ingredients		
-				
.1 - 3.2 Substance or Mixture				
Synonyms	: 2-E	thyl Hexyl Thioglycolate		
		HTG		
Hazardous ingredient	S			
Chemical name	CAS-No. EC-No.	Classification (REGULATION (EC)	Concentration [wt%]	Specific Conc. Limits, M-factors
2-Ethylhexyl	Index No. 7659-86-1	No 1272/2008) Acute Tox. 4; H302	99,5 - 100	and ATEs
mercaptoacetate	231-626-4	Skin Sens. 1B; H317	99,5 - 100	
		Aquatic Acute 1; H400		
		Aquatic Chronic 1;		
		H410		
For the full text of the H	I-Statements r	nentioned in this Section, s	see Section 16.	
For the full text of the H	I-Statements r	nentioned in this Section, s	see Section 16.	
		nentioned in this Section, s		
For the full text of the H		nentioned in this Section, s		
ECTION 4: First aid meas	Sures	nentioned in this Section, s		
ECTION 4: First aid meas	Sures	nentioned in this Section, s		
ECTION 4: First aid meas	sures d measures	nentioned in this Section, s		rial safety data
ECTION 4: First aid meas .1 Description of first-aid	sures d measures : Mov		Show this mate	rial safety data
ECTION 4: First aid meas .1 Description of first-aid General advice	sures d measures : Mov she	ve out of dangerous area. et to the doctor in attendar	Show this mate	·
ECTION 4: First aid meas .1 Description of first-aid	sures d measures : Mo ^v she : If u	ve out of dangerous area. et to the doctor in attendar nconscious, place in recove	Show this matence.	·
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled	sures d measures : Mo ^v she : If u adv	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov ice. If symptoms persist, o	Show this mater nce. ery position and call a physician.	seek medical
ECTION 4: First aid meas .1 Description of first-aid General advice	sures d measures : Mo she : If u adv : If sl	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov ice. If symptoms persist, call a	Show this mater nce. ery position and call a physician. physician. If on	seek medical
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled	sures d measures : Mo she : If u adv : If sl	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov ice. If symptoms persist, o	Show this mater nce. ery position and call a physician. physician. If on	seek medical
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled	d measures : Mov she : If u adv : If sl with	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov ice. If symptoms persist, call a	Show this matence. ery position and call a physician. physician. If on pove clothes.	seek medical skin, rinse well
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact	sures d measures : Mov she : If u adv : If sl with : Flus lens	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, c kin irritation persists, call a water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid	seek medical skin, rinse well ve contact le open while
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact	sures d measures : Mov she : If u adv : If sl with : Flus lens	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov ice. If symptoms persist, c kin irritation persists, call a n water. If on clothes, remo	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid	seek medical skin, rinse well ve contact le open while
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact	sures d measures : Mor she : If u adv : If sl with : Flus lens rins	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, c kin irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spec	seek medical skin, rinse well ve contact le open while cialist.
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact	sures d measures : Mov she : If u adv : If sl with : Flus lens rins : Kee	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, c in irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact	sures d measures : Mo she : If u adv : If sh with : Flus lens rins : Kee bev	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, c kin irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
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ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt	d measures d measures : Mo she : If u adv : If sh with : Flus lens rins : Kee bev pers	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, call a n water. If on clothes, reme sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, o	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt Notes to physician	d measures d measures : Mo she : If u adv : If sh with : Flus lens rins : Kee bev pers	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, call a n water. If on clothes, reme sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, o	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, call a n water. If on clothes, reme sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, o	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt Notes to physician Symptoms	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers toms and effe : No	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, of in irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, of cts, both acute and delay data available.	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt Notes to physician Symptoms Risks	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers toms and effe : No : No	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, of in irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, of cts, both acute and delay data available. data available.	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic an unconscious
 ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed 2 Most important symptoms Symptoms Risks Indication of any immed 	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers toms and effe : No : No ediate medica	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, of a water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, of cts, both acute and delay data available. data available. al attention and special tr	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic an unconscious
ECTION 4: First aid meas .1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact If swallowed .2 Most important sympt Notes to physician Symptoms Risks	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers toms and effe : No : No ediate medica	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, of in irritation persists, call a n water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, of cts, both acute and delay data available. data available.	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician.	seek medical skin, rinse well ve contact le open while cialist. or alcoholic an unconscious
ECTION 4: First aid meas 1 Description of first-aid General advice If inhaled In case of skin contact In case of eye contact In swallowed 2 Most important sympt Notes to physician Symptoms Risks 3 Indication of any imme	d measures d measures : Mov she : If un adv : If sh with : Flus lens rins : Kee bev pers coms and effe : No : No ediate medica : No	ve out of dangerous area. et to the doctor in attendar nconscious, place in recov- ice. If symptoms persist, of a water. If on clothes, remo- sh eyes with water as a pre- ses. Protect unharmed eye ing. If eye irritation persist ep respiratory tract clear. If erages. Never give anythi son. If symptoms persist, of cts, both acute and delay data available. data available. al attention and special tr	Show this mater nce. ery position and call a physician. physician. If on ove clothes. ecaution. Remo e. Keep eye wid s, consult a spe Do not give milk ng by mouth to a call a physician. yed	seek medical skin, rinse well ve contact le open while cialist. or alcoholic an unconscious

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SEC	CTION 5: Firefighting measur	es	
	Flash point	:	117,5°C (243,5°F)
	Autoignition temperature	:	250°C (482°F)
5.1			
	Extinguishing media		
	Unsuitable extinguishing media	:	High volume water jet.
5.2	Special hazards arising from Specific hazards during fire fighting		he substance or mixture Do not allow run-off from fire fighting to enter drains or water courses.
5.3			
	Advice for firefighters 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.
SEC	CTION 6: Accidental release	me	asures
6.1	Personal precautions, prote	ecti	ve equipment and emergency procedures
6.2	Personal precautions	:	Use personal protective equipment.
0.2	Environmental precautions		
	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.
6.3 6.4	Methods and materials for o Methods for cleaning up	con :	
0.4	Reference to other sections	5	
	Reference to other sections	:	For personal protection see section 8. For disposal considerations see section 13.
SEC	CTION 7: Handling and storage	ge	
7.1	Precautions for safe handling	ng	
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	Handling	Nevision Date 2023-00-
	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
	Advice on protection against fire and explosion	should not be employed in any process in which this mixture is being used.Normal measures for preventive fire protection.
7.2		
.2	Conditions for safe storag	including any incompatibilities
	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. Electrical installations / working materials must comply with the technological safety
		standards.
		standards.
SEC	CTION 8: Exposure controls	standards.
	CTION 8: Exposure controls Exposure controls Engineering measures	standards.
	Exposure controls Engineering measures Adequate ventilation to cont Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels of recommended. The user sh	standards.
	Exposure controls Engineering measures Adequate ventilation to cont Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels of recommended. The user sh	standards. Personal protection I 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 selectin t. If engineering controls or work practices are not adequate to prevent this material, the personal protective equipment listed below is uld read and understand all instructions and limitations supplied with n is usually provided for a limited time or under certain circumstances
8.2	Exposure controls Engineering measures Adequate ventilation to cont Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels of recommended. The user sh the equipment since protect	standards. Personal protection I 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 selectin t. If engineering controls or work practices are not adequate to prevent this material, the personal protective equipment listed below is uld read and understand all instructions and limitations supplied with n is usually provided for a limited time or under certain circumstances
8.2	Exposure controls Engineering measures Adequate ventilation to cont Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels of recommended. The user sh the equipment since protect Personal protective equip	standards. Personal protection I 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 selectin t. If engineering controls or work practices are not adequate to prevent this material, the personal protective equipment listed below is uld read and understand all instructions and limitations supplied with n is usually provided for a limited time or under certain circumstances ent I f 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. If exposure to harmful levels of airborne material may occur, a NIOSH approved respirator that provides protection may be appropriate, such as:. 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-

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		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:. 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.
ECTION 9: Physical and cher	nica	properties

Γ

9.1			
	Information on basic physica	I and chemical properties	
	Appearance		
	Form Physical state Color Odor Odor Threshold	 liquid liquid Colorless characteristic No data available 	
	Safety data		
	Flash point	: 117,5°C (243,5°F)	
	Lower explosion limit	: Not applicable	
	Upper explosion limit	: Not applicable	
	Autoignition temperature	: 250°C (482°F)	
	рН	: Not applicable	
	Pour point	: <50°C (<122°F)	
	Boiling point/boiling range	: 242-259°C (468-498°F)	
	Vapor pressure	: 0,02 hPa at 20°C (68°F)	
	Density	: 0,973 - 0,975 g/cm3 at 20°C (68°F) Method: DIN 51757	
	Water solubility	: 4,73 mg/l at 20°C (68°F)	
	Partition coefficient: n-	: log Pow: 4,7	
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octanol/water	Method: OECD Test Guideline 117
9.2 Other information Conductivity	: No data available
SECTION 10: Stability and rea	activity
10.1	
Reactivity	: Stable under recommended storage conditions.
10.2	
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.3	
Possibility of hazardous	reactions
Hazardous reactions	: Further information: No decomposition if stored and applied as directed.
10.4 Conditions to avoid 10.6	: No data available.
Other data	: No decomposition if stored and applied as directed.
SECTION 11: Toxicological in	formation
11.1 Information on toxicolog	ical effects
Acute oral toxicity	
2-Ethylhexyl mercaptoacetate	: LD50: 303 mg/kg Species: Rat
	LD50: < 500 mg/kg Species: Rat Method: OECD Test Guideline 401
Acute dermal toxicity	
2-Ethylhexyl mercaptoacetate	: LD50: > 2.000 mg/kg Method: OECD Test Guideline 402
Skin irritation	
2-Ethylhexyl mercaptoacetate	: Mild skin irritant
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Eye irritation 2-Ethylhexyl mercaptoacetate	: No eye irritation
Sensitization	
2-Ethylhexyl mercaptoacetate	: The product is a skin sensitizer, sub-category 1B.
Repeated dose toxicity	
2-Ethylhexyl mercaptoacetate	: Species: Rat Application Route: Oral Exposure time: 28 d NOEL: 173 mg/kg Method: OECD Test Guideline 407
Genotoxicity in vitro	
2-Ethylhexyl mercaptoacetate	: Test Type: Ames test Method: OECD Test Guideline 471 Result: negative
	Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
	Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative
Genotoxicity in vivo	
2-Ethylhexyl mercaptoacetate	: Test Type: Micronucleus test Method: OECD Test Guideline 474 Result: negative
Reproductive toxicity	
2-Ethylhexyl mercaptoacetate	: Species: Rat Application Route: Oral Method: OECD Guideline 421 NOAEL Parent: 50 mg/kg
2 Information on other haza	rds

11.2

Information on other hazards

Evabopol 196D	
Further information	: No data available.
Endocrine disrupting properties	 The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

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12.1 Toxicity	
Toxicity to fish	
2-Ethylhexyl mercaptoacetate	 LC50: 0,23 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 203
Toxicity to daphnia and other	aquatic invertebrates
2-Ethylhexyl mercaptoacetate	: EC50: 0,38 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Method: DIN 38412
Toxicity to algae	
2-Ethylhexyl mercaptoacetate	 EC50: 0,41 mg/l Species: Pseudokirchneriella subcapitata (green algae) Method: OECD Test Guideline 201
Toxicity to bacteria	
2-Ethylhexyl mercaptoacetate	 EC20: > 100 mg/l Exposure time: 3 h Growth rate Species: activated sludge Method: OECD Test Guideline 209
12.2 Persistence and degradability	1
Biodegradability	
2-Ethylhexyl mercaptoacetate	 Result: Readily biodegradable. 82 % Method: OECD Test Guideline 301F
12.3 Bioaccumulative potential	
Bioaccumulation	
	: Bioconcentration factor (BCF): 895 Method: QSAR modeled data Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.
12.4 Mobility in soil	
Mobility	
2-Ethylhexyl	: Slightly mobile in soils
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12.5	mercaptoacetate	
12.5	Results of PBT and vPvB asse	: This substance/mixture contains no components considered
		to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6	S Endocrine disrupting properti	es
	Endocrine disrupting properties	 The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7	other adverse effects	
12.8	information	: Very toxic to aquatic life with long lasting effects.
12.0	Additional Information	
	Ecotoxicology Assessment	
	Short-term (acute) aquatic hazar 2-Ethylhexyl mercaptoacetate	rd : Very toxic to aquatic life.
	Long-term (chronic) aquatic haz 2-Ethylhexyl mercaptoacetate	ard : Very toxic to aquatic life with long lasting effects.
SEC	CTION 13: Disposal consideration	ons
13.1	Waste treatment methods	
		ains 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.

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SECTION 14: Transport information

14.1 - 14.7

Transport information

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

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

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN3082, ÈNVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (2-ETHYLHEXYL MERCAPTOACETATE), 9, III, (117,5 °C c.c.), MARINE POLLUTANT, (2-ETHYLHEXYL MERCAPTOACETATE)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (2-ETHYLHEXYL MERCAPTOACETATE), 9, III

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE)) UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (2-ETHYLHEXYL MERCAPTOACETATE), 9, III, (-)

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))

90,UN3082,ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (2-ETHYLHEXYL MERCAPTOACETATE), 9, III

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (2-ETHYLHEXYL MERCAPTOACETATE), 9, III

Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1

Safety, health and environmental regulations/legislation specific for the substance or mixture National legislation

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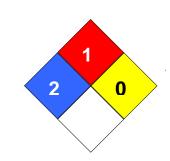
Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2

Chemical Safety Assessment				
Components	: 2-ethylhexy mercaptoad			
Major Accident Ha Legislation	ENV E1 Qua	J_SEVES3 Update: /IRONMENTAL HAZARDS untity 1: 100 t untity 2: 200 t		
Notification status Europe REACH Switzerland CH IN United States of An TSCA Canada DSL Other AICS New Zealand NZIo Japan ENCS Korea KECI	: nerica (USA) : :	regulation 1907/2006/EC. On the inventory, or in compliance with the inventory All substances listed as active on the TSCA inventory		
Philippines PICCS 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		

SECTION 16: Other information

NFPA Classification : Health Hazard: 2 Fire Hazard: 1 Reactivity Hazard: 0



Further information

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.

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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.

k	Key or legend to abbreviations and a	cronyms use	d in the safety data sheet
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AIIC	Australian Inventory of Industrial Chemicals	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIOC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%	ATE	Acute toxicity estimate

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.