according to Regulation (EC) No. 1907/2006



# THINNER 225 (190)

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

1.1 F	Product identifier Trade name	:	THINNER 225 (190)		
1.2 F	Relevant identified uses of th	e s	ubstance or mixture and uses advised against		
	Type of Application (Use)	:	Thinner		
	Recommended restrictions on use	:	For industrial use only.		
1.3 [	1.3 Details of the supplier of the safety data sheet				
	Company	:	ELANTAS Europe S.r.I. Strada Antolini 1 43044 Collecchio Italy		
	Telephone	:	+3907363081		
	Telefax	:	+390736402746		
	E-mail address of person responsible for the SDS	:	msds.elantas.europe@altana.com		
1.4 E	Emergency telephone numbe	er			

+44 1235 239670 (All languages)

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the un- born child.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters air- ways.

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2.2	Label elements			
	Labelling (REGULATIC Hazard pictograms	<b>DN (EC)</b>	No 1272	2/2008)
	Signal word	:	Dange	r
	Hazard statements	:	H226 H304 H318 H336 H361	Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes serious eye damage. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.
	Supplemental Hazard Statements	:	EUH06 drynes	6 Repeated exposure may cause skin s or cracking.
	Precautionary statemer	its :	flames P280	<b>tion:</b> Keep away from heat, hot surfaces, sparks, open and other ignition sources. No smoking. Wear protective gloves/ protective clothing/ eye protec- ce protection/ hearing protection.
			P305 + with wa sent ar POISO P331 P370 +	P310 IF SWALLOWED: Immediately call a POISON ER/ doctor. P351 + P338 + P310 IF IN EYES: Rinse cautiously ater for several minutes. Remove contact lenses, if pre- ind easy to do. Continue rinsing. Immediately call a N CENTER/ doctor.

### Hazardous components which must be listed on the label:

Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha

butyl glycollate

### 2.3 Other hazards

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.

Ecological information: 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.

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Toxicological information: 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 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature : Mixture of solvents

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Naphtha (petroleum), hydrotreat- ed heavy; Low boiling point ydro- gen treated naphtha	64742-48-9 265-150-3 649-327-00-6 01-2119463258-33	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 EUH066	>= 50 - <= 100
butyl glycollate	7397-62-8 230-991-7 01-2119514685-36	Eye Dam. 1; H318 Repr. 2; H361	>= 5 - < 7

For explanation of abbreviations see section 16.

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General advice	:	Show this safety data sheet to the doctor in attendance. Treat symptomatically. Consult a physician. Do not leave the victim unattended.
Protection of first-aiders	:	If potential for exposure exists refer to Section 8 for specific personal protective equipment. Avoid inhalation, ingestion and contact with skin and eyes.
If inhaled	:	Move to fresh air. Oxygen or artificial respiration if needed. If symptoms persist, call a physician. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes.

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		soap if available. aminated clothing before re-use.				
In case of eye contact	Consult a Keep eye Protect un	ly flush eye(s) with plenty of water. physician. wide open while rinsing. narmed eye. tion persists, consult a specialist.				
If swallowed	Gently wip Do not giv	sician immediately. e or rinse the inside of the mouth with water. e milk or alcoholic beverages. anything by mouth to an unconscious person.				
4.2 Most important sympton	ms and effects, bot	n acute and delayed				
Symptoms	: Drowsines	S				
	Nausea Central ne	rvous system depression				
4.3 Indication of any immed	4.3 Indication of any immediate medical attention and special treatment needed					
Treatment		d procedure should be established in consultation ctor responsible for industrial medicine.				
SECTION 5: Firefighting measures						
5.1 Extinguishing media						
Suitable extinguishing m	edia : Use water bon dioxid	spray, alcohol-resistant foam, dry chemical or car- e.				
Unsuitable extinguishing media	: High volun	ne water jet				
5.2 Special hazards arising	from the substance	or mixture				
Specific hazards during		vater promotes the spread of fire.				
fighting	The press influence of	oduces irritant fumes. ure in sealed containers can increase under the f heat. o decomposition products may be a hazard to				
5.3 Advice for firefighters						
Special protective equip for firefighters	Use perso	nt of fire, wear self-contained breathing apparatus. Thal protective equipment. Exposure to decomposi- cts may be a hazard to health.				
Further information	Prevent fir	iners/tanks with water spray. e extinguishing water from contaminating surface e ground water system.				

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### **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Keep people away from and upwind of spill/leak. Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas. Remove all sources of ignition. Make sure that there is a sufficient amount of neutralizing/ absorbent material near the storage area. Mark the contaminated area with signs and prevent access to unauthorized personnel.
6.2 Environmental precautions		
Environmental precautions	:	Do not allow contact with soil, surface or ground water. Local authorities should be advised if significant spillages cannot be contained. Prevent spreading over a wide area (e.g. by containment or oil

barriers).

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6.3 Methods and material for containment and cleaning up

:

national regulations (see section 13). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

Contain spillage, soak up with non-combustible absorbent

material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local /

Retain and dispose of contaminated wash water.

#### 6.4 Reference to other sections

Methods for cleaning up

For personal protection see section 8.

### **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

Advice on safe handling	:	Provide sufficient air exchange and/or exhaust in work rooms. Ensure all equipment is electrically grounded before beginning transfer operations. Avoid inhalation, ingestion and contact with skin and eyes. Keep away from fire, sparks and heated surfaces. Keep container closed when not in use.
Advice on protection against fire and explosion	:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from heat and sources of ignition.
Hygiene measures	:	Store personal protection equipment in a clean location away from the work area. Keep working clothes separately.

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### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Do not store together with explosives, gases, oxidizing solids, products which form flammable gases in contact with water, oxidizing products, infectious products and radioactive products.
Advice on common storage	:	Keep away from oxidizing agents, strongly alkaline and strong- ly acid materials in order to avoid exothermic reactions.
7.3 Specific end use(s)		
Specific use(s)	:	Consult the technical guidelines for the use of this sub- stance/mixture.

### **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef-	Value
			fects	
butyl glycollate	Workers	Skin contact	Long-term systemic	34,7 mg/kg
			effects	
	Workers	Inhalation	Long-term systemic	21,2 mg/m3
			effects	
	Consumers	Ingestion	Long-term systemic	2 mg/kg
			effects	
	Consumers	Skin contact	Long-term systemic	20,8 mg/kg
			effects	
	Consumers	Skin contact	Long-term local ef-	0,28 mg/kg
			fects	
	Consumers	Inhalation	Long-term systemic	43,5 mg/m3
			effects, Long-term	
			local effects	

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
butyl glycollate	Fresh water	0,05 mg/l
	Soil	0,0112 mg/kg
	Fresh water sediment	0,203 mg/kg
	Sewage treatment plant	232 mg/l

### 8.2 Exposure controls

### Engineering measures

Use only appropriately classified electrical equipment and powered industrial trucks.

:

### Personal protective equipment

Eye protection

Safety glasses with side-shields conforming to EN166 Ensure that eyewash stations and safety showers are close

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	to the worksta Do not wear c	tion location. ontact lenses.	
Hand protection Material	: Protective glo	ves complying with EN 374.	
Material	: Polyvinyl alcol	hol or nitrile- butyl-rubber gloves	
Remarks	Gloves should	Follow the instructions for use issued by the producer. Gloves should be discarded and replaced if there is any indi- cation of degradation or chemical breakthrough.	
Skin and body protectio	Remove and v Choose body	ld wear antistatic footwear. wash contaminated clothing before re-use. protection according to the amount and con- he dangerous substance at the work place.	
Respiratory protection	proved filter.	In the case of vapour formation use a respirator with an ap- proved filter. Equipment should conform to EN 14387	
Filter type	: Organic vapor	ur type (A)	
Protective measures		ontact lenses. ye flushing systems and safety showers are to the working place.	

### **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	colourless
Odour	:	characteristic
Melting point/range	:	lower -15 °C
Boiling point/boiling range	:	130 - 210 °C
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	36 °C
Auto-ignition temperature	:	not determined
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)

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Viscosity Viscosity, kinematic Solubility(ies) Water solubility	: not determined : not determined	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: No data available	
Density	: 0,78 g/ml (23 °C)	
Bulk density	: Not applicable	
Relative vapour densit	y : lower 1 (Air = 1.0)	
9.2 Other information Self-ignition	: > 200 °C	
Evaporation rate	: not determined	
Miscibility with water	: immiscible	

### **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	Stable under recommended storage conditions. No decomposition if stored and applied as directed. No decomposition if used as directed.
10.4 Conditions to avoid	
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition. Protect from frost, heat and sunlight. No decomposition if used as directed.
10.5 Incompatible materials	
Materials to avoid	Alkaline earth metals Strong acids and strong bases Strong oxidizing agents Strong reducing agents

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### **10.6 Hazardous decomposition products**

Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

### **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity				
Product:				
Acute oral toxicity	:	Remarks: No data available		
Acute inhalation toxicity	:	Remarks: No data available		
Acute dermal toxicity	:	Remarks: No data available		
Acute toxicity (other routes of administration)	:	Remarks: No data available		
Skin corrosion/irritation				
Product:				
Remarks	:	No data available		
Components:				
butyl glycollate:				
Species	:	Rabbit		
Method Result	÷	OECD Test Guideline 404 No skin irritation		
GLP	:	yes		
Serious eye damage/eye irri	tati	on		
Product:				
Remarks	:	No data available		
-				
Components:				
butyl glycollate:				
Species	:	Rabbit		
Method Result	:	OECD Test Guideline 405 Risk of serious damage to eyes.		
GLP	:	yes		
Respiratory or skin sensitisation				

### Product:

Remarks : I	No data available
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	omponents:			
Te Sj M R	<b>utyl glycollate:</b> est Type pecies ethod esult LP		Maximisation Test Guinea pig OECD Test Guidelin Does not cause skin yes	
C	arcinogenicity			
	<u>roduct:</u> emarks	:	No data available	
R	eproductive toxicity			
	roduct: ffects on fertility	:	Remarks: No data av	vailable
	ffects on foetal develop ent	)- :	Remarks: No data av	vailable
S	TOT - single exposure	e		
	<u>roduct:</u> emarks	:	No data available	
S	TOT - repeated expos	sure		
	<u>roduct:</u> emarks	:	No data available	
R	epeated dose toxicity	,		
	<u>roduct:</u> emarks	:	No data available	
11.2 In	nformation on other h	azards		
E	ndocrine disrupting p	propertie	s	
	roduct: ssessment	:	ered to have endocri REACH Article 57(f)	are does not contain components consid- ne disrupting properties according to or Commission Delegated regulation commission Regulation (EU) 2018/605 at her.

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Further information	Further information					
<u>Product:</u> Remarks	:	No data available				
SECTION 12: Ecological in	forma	ation				
12.1 Toxicity						
Product:						
Toxicity to fish	:	Remarks: No data a	vailable			
Toxicity to daphnia and oth aquatic invertebrates	ner :	Remarks: No data a	vailable			
12.2 Persistence and degrada	ability					
Product:						
Biodegradability	:	Remarks: No data a	vailable			
Physico-chemical removal ity	oil- :	Remarks: No data available				
Components:						
butyl glycollate:						
Biodegradability	:	Test Type: aerobic Result: Readily biodegradable. Method: OECD Test Guideline 301B GLP: yes				
12.3 Bioaccumulative potenti	al					
Product:						
Bioaccumulation	:	Remarks: No data a	vailable			
<b>12.4 Mobility in soil</b> No data available	-					
12.5 Results of PBT and vPvB	3 asse	ssment				
Product:						
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.				
12.6 Endocrine disrupting pro	opertie	es				
<u>Product:</u> Assessment	:	The substance/mixt	ure does not contain components consid-			
		11 / 16				

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		endocrine disrupting properties according to e 57(f) or Commission Delegated regulation

ered 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

No data available

### **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Product	:	Do not dispose of with domestic refuse. The product should not be allowed to enter drains, water courses or the soil. Dispose of as hazardous waste in compliance with local and national regulations. Container hazardous when empty. Can be incinerated, when in compliance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal.

### **SECTION 14: Transport information**

### 14.1 UN number or ID number

ADR/RID/ADN	:	UN 1263
IMDG	:	UN 1263
ΙΑΤΑ	:	UN 1263
14.2 UN proper shipping name		
ADR/RID/ADN	:	PAINT RELATED MATERIAL
IMDG	:	PAINT RELATED MATERIAL
ΙΑΤΑ	:	Paint related material
14.3 Transport hazard class(es)		
ADR/RID/ADN	:	3
IMDG	:	3
ΙΑΤΑ	:	3
14.4 Packing group		
ADR/RID/ADN		
Packing group	:	
Classification Code	:	F1
Hazard Identification Number	:	30
Labels	:	3
Tunnel restriction code	:	D/E

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<b>IMDG</b> Packing group Labels EmS Code Remarks	: III : 3 : F-E, <u>S-E</u> : IMDG Code se	gregation group - none
<b>IATA (Cargo)</b> Packing instruction (ca aircraft) Packing group Labels	argo : 366 : III : Flammable Liq	uids
IATA (Passenger) Packing instruction (pa ger aircraft) Packing instruction (LC Packing group Labels	assen- : 355	
14.5 Environmental hazar	ds	
<b>ADR/RID/ADN</b> Environmentally hazar <b>IMDG</b> Marine pollutant	dous : no : no	
14.6 Special precautions	for user	
Remarks	unloading, mus	of dangerous goods, including their loading and st be done by people who received the neces- equired by Modal Regulations.

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Conditions of restriction for the fol- lowing entries should be considered: Number on list: 3
REACH - Candidate List of Substances of Very High	: Not applicable

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Concern for Autho	risation (Article 59).			
Regulation (EC) N plete the ozone la	lo 1005/2009 on substances th yer	hat de-	: Not applicable	
Regulation (EU) 2 tants (recast)	019/1021 on persistent organi	ic pollu-	- : Not applicable	
UK REACH List of (Annex XIV)	f substances subject to author	isation	: Not applicable	
Regulation (EU) 2 explosives precure	019/1148 on the marketing an sors	nd use of	of	
			: Not applicable	
	nical Weapons Convention (C c Chemicals and Precursors	WC)	: Not applicable	
	n (EC) No 111/2005 laying dow of trade between the Commun Irug precursors			
pean Parliament a	ve 2012/18/EU of the Euro- ind of the Council on the ccident hazards involving nces.	P5c	FLAMMABLE LIQUIDS	
	re (2012/18/EU) implemented or Accident Hazards Regula- \H)	P5c	FLAMMABLE LIQUIDS	
<b>5.2 Chemical safety</b> Not applicable	assessment			

### Full text of H-Statements

H226 H304 H318 H336 H361 EUH066		Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes serious eye damage. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. Repeated exposure may cause skin dryness or cracking.
Full text of other abbreviation Asp. Tox. Eye Dam. Flam. Liq. Repr. STOT SE	ons : : :	Aspiration hazard Serious eye damage Flammable liquids Reproductive toxicity Specific target organ toxicity - single exposure

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances: TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Training advice

Provide adequate information, instruction and training for operators.

Classification of the mixture:		Classification procedure:	
Flam. Liq. 3	H226	Based on product data or assessment	
Eye Dam. 1	H318	Calculation method	
Repr. 2	H361	Calculation method	
STOT SE 3	H336	Calculation method	
Asp. Tox. 1	H304	Calculation method	

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.

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