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

1.1	Product identifier Trade name	:	Pancrelipase (High / Low Lipase) Formulation
1.2	Relevant identified uses of th	e s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture		Pharmaceutical
	Recommended restrictions on use	:	Not applicable
1.3	Details of the supplier of the	saf	ety data sheet
	Company	:	Organon & Co. 30 Hudson Street, 33nd floor 07302 Jersey City, New Jersey, U.S.A
	Telephone	:	+1-551-430-6000

E-mail address of person : responsible for the SDS	EHSSTEWARD@organon.com
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1.4 Emergency telephone number

+1-215-631-6999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2
Eye irritation, Category 2
Respiratory sensitisation, Category 1

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) Hazard pictograms

	•		
Signal word	:	Danger	
Hazard statements	:	H315	Causes skin irritation.



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		H334	Causes serious eye irritation. May cause allergy or asthma symptoms or breath- ing difficulties if inhaled.
Precau	utionary statements	: Prevention:	
		P280	Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face pro- tection.
		Response:	
			IF INHALED: Remove person to fresh air and keep comfortable for breathing.
			If skin irritation occurs: Get medical advice/ attention.
		P337 + P313	If eye irritation persists: Get medical advice/ attention.
		P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

Pancrelipase

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.

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.

May form combustible dust concentrations in air.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No.	Classification	Concentration (% w/w)
Pancrelipase	Registration number 53608-75-6	Skin Irrit. 2; H315	>= 70 - < 90
	258-659-7	Eye Irrit. 2; H319 Resp. Sens. 1; H334	

For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measures				
General advice	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.			
Protection of first-aiders	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).			
If inhaled	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.			
In case of skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.			
In case of eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.			
If swallowed	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.			
4.2 Most important symptoms and effects, both acute and delayed				
Risks	Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficul-			

ties if inhaled. Excessive exposure may aggravate preexisting asthma and

other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome).

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically and supportively.



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet

5.2 Special hazards arising from the substance or mixture

J.2 Special hazards ansing nom the substance of mixture				
Specific hazards during fire- fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Do not use a solid water stream as it may scatter and spread fire. Exposure to combustion products may be a hazard to health.		
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx) Sulphur oxides		
5.3 Advice for firefighters				
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.		
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Personal precautions Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro-

	tective equipment recommendations (see section 8).
6.2 Environmental precautions	
Environmental precautions	 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.



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6.3 Methods and material for containment and cleaning up

		• .
Methods for cleaning up	:	Surround spill with absorbents and place a damp covering over the area to minimise entry of the material into the air. Add excess liquid to allow the material to enter into solution. Soak up with inert absorbent material. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfac- es, as these may form an explosive mixture if they are re- leased into the atmosphere in sufficient concentration. Clean up remaining materials from spill with suitable absor- bent. Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- · · ·	9	
Technical measures	:	Static electricity may accumulate and ignite suspended dust causing an explosion.
		Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not get on skin or clothing.
J		Avoid breathing dust, fume, gas, mist, vapours or spray. Do not swallow.
		Do not get in eyes. Wash skin theraushly after handling
		Wash skin thoroughly after handling.
		Handle in accordance with good industrial hygiene and safety
		practice, based on the results of the workplace exposure as- sessment
		Keep container tightly closed.
		Already sensitised individuals, and those susceptible
		to asthma, allergies, chronic or recurrent respiratory disease,
		should consult their physician regarding working with respira-
		tory irritants or sensitisers.
		Minimize dust generation and accumulation.
		Keep container closed when not in use.
		Keep away from heat and sources of ignition.
		Take precautionary measures against static discharges.
		Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye
	•	flushing systems and safety showers close to the working



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			nated clothing be The effective ope engineering contr appropriate dego	ration of a facility should include review of ols, proper personal protective equipment, wning and decontamination procedures, monitoring, medical surveillance and the
7.2 Condit	ions for safe storage,	inc	luding any incom	patibilities
	rements for storage and containers	:	,	abelled containers. Keep tightly closed. ace with the particular national regulations.
Advic	e on common storage	:	Do not store with Strong oxidizing a	the following product types: agents
-	ic end use(s) fic use(s)	:	No data available	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Pancrelipase	53608-75-6	TWA	OEB 3 (>= 10 < 100 μg/m3)	Internal
Talc	14807-96-6	OELV - 8 hrs (TWA) (Respira- ble dust)	0.8 mg/m3	IE OEL
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL
Starch	9005-25-8	OELV - 8 hrs (TWA) (Respira- ble dust)	4 mg/m3	IE OEL
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL
Sucrose	57-50-1	OELV - 8 hrs (TWA)	10 mg/m3	IE OEL
		OELV - 15 min (STEL)	20 mg/m3	IE OEL
Diethyl phthalate	84-66-2	OELV - 8 hrs (TWA)	5 mg/m3	IE OEL
		OELV - 15 min (STEL)	10 mg/m3	IE OEL

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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	Substance name	ce name End Use Exposu		routes	Potential health ef- fects	Value
	Diethyl phthalate	Workers	Inhalation		Long-term systemic effects	10.56 mg/m3
		Workers	Skin conta	ict	Long-term systemic effects	15 mg/kg bw/day
		Consumers	Inhalation		Long-term systemic effects	2.6 mg/m3
		Consumers	Skin conta	ict	Long-term systemic effects	7.5 mg/kg bw/day
		Consumers	Ingestion		Long-term systemic effects	0.75 mg/kg bw/day

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

Substance name	Environmental Compartment Value		
Diethyl phthalate	Fresh water	0.012 mg/l	
	Freshwater - intermittent	0.120 mg/l	
	Marine water	0.0012 mg/l	
	Sewage treatment plant	2 mg/l	
	Fresh water sediment	0.137 mg/kg dry	
		weight (d.w.)	
	Marine sediment	0.0137 mg/kg dry	
		weight (d.w.)	
	Soil	0.137 mg/kg dry	
		weight (d.w.)	
	Oral (Secondary Poisoning)	33 mg/kg food	

8.2 Exposure controls

Engineering measures

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices).

Minimize open handling.

Personal protective equipment

Eye/face protection	:	Wear safety glasses with side shields or goggles.If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.	
Hand protection			
Material	:	Chemical-resistant gloves	
Remarks Skin and body protection	:	Consider double gloving. Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, dis- posable suits) to avoid exposed skin surfaces.	



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Respir	ratory protection	cc : If su or	ntaminated cl adequate loca re assessmer nmended guid	e degowning techniques to remove potentially othing. Il exhaust ventilation is not available or expo- nt demonstrates exposures outside the rec- lelines, use respiratory protection. Ild conform to I.S. EN 14387		
Filt	er type		: Combined particulates and organic vapour type (A-P)			

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	solid
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flammability (solid, gas)	:	May form combustible dust concentrations in air.
Flammability (liquids)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	No data available
Viscosity Viscosity, kinematic	:	Not applicable
Solubility(ies) Water solubility	:	No data available
Partition coefficient: n-	:	Not applicable

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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octanol/water			
Vapour pressure	:	: Not applicable	
Relative density	:	: No data available	9
Density	:	: No data available	9
Relative vapour	density :	: Not applicable	
Particle characte Particle size	eristics :	: No data available	9
9.2 Other informatio	'n		
Explosives	:	: Not explosive	
Oxidizing proper	ties :	: The substance o	r mixture is not classified as oxidizing.
Evaporation rate	:	: Not applicable	
Molecular weigh	t :	: No data available	9

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	: May form combustible dust concentrations in air. Can react with strong oxidizing agents.
10.4 Conditions to avoid	
Conditions to avoid	: Heat, flames and sparks. Avoid dust formation.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Information on likely routes of	:	Inhalation
exposure		Skin contact

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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			Ingestion Eye contact			
	e toxicity lassified based on ava	ailable i	nformation.			
<u>Com</u>	ponents:					
Panc	relipase:					
Acute	e oral toxicity	:	LD50 (Rat): > 1	0,000 mg/kg		
	corrosion/irritation es skin irritation.					
<u>Com</u>	ponents:					
Panc	relipase:					
Spec Meth Resu Rema	ies od It	 Rabbit OECD Test Guideline 404 Skin irritation Based on data from similar materials 				
	ous eye damage/eye i es serious eye irritatio		on			
<u>Com</u>	ponents:					
Panc	relipase:					
Resu Rema		:	Irritation to eyes, reversing within 21 daysBased on data from similar materials			
Resp	iratory or skin sensi	tisatio	n			
	sensitisation lassified based on ava	ailable i	nformation.			
-	iratory sensitisation cause allergy or asthm		ptoms or breath	ing difficulties if inhaled.		
Com	ponents:					
Panc	relipase:					
	sure routes ies It	:	Inhalation Humans positive Based on data	from similar materials		
Asse	ssment	:	May cause sen	sitisation by inhalation.		
	ssment n cell mutagenicity	:	May cause sen	sitisation by inhalation.		

Germ cell mutagenicity

Not classified based on available information.



rsion 0	Revision Date: 28.03.2024	SDS Number: 5325823-00011	Date of last issue: 30.09.2023 Date of first issue: 22.11.2019
<u>Comp</u>	oonents:		
Panci	relipase:		
	toxicity in vitro	Method: OEC Result: negati Remarks: Bas Test Type: In Method: OEC Result: negati Remarks: Bas Test Type: Ch	ed on data from similar materials vitro mammalian cell gene mutation test D Test Guideline 476 ve ed on data from similar materials romosome aberration test in vitro D Test Guideline 473
	nogenicity	Remarks: Bas	ed on data from similar materials
Not cl	assified based on ava	ailable information.	
-	oductive toxicity		
Not cl	assified based on ava	ailable information.	
<u>Comp</u>	oonents:		
Panci	relipase:		
Effect	s on fertility	Species: Rat Application Ro Result: negati	vo-generation reproduction toxicity study oute: Ingestion ve sed on data from similar materials
Effect ment	s on foetal develop-	Species: Rat	oute: Ingestion

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Pancrelipase:

Species	: Rat
NOAEL	: > 100 mg/kg
Application Route	: Ingestion

Commission Regulation (EU) 2020/878



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Expos Metho Rema	-		13 Weeks OECD Test Guideline 408 Based on data from similar materials				
Not cl 11.2 Inform	ation toxicity assified based on ava nation on other haza crine disrupting pro	ards					
Produ	uct:						
Asses	Assessment : The substance/mixture does not contain components consi 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 levels of 0.1% or higher.						

SECTION 12: Ecological information

12.1 Toxicity

Components:

Pancrelipase:	
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Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1 - 10 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
		NOEC (Desmodesmus subspicatus (green algae)): > 1 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials

12.2 Persistence and degradability

Components:

Pancrelipase:

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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Biodegradability		: Result: Readily	biodegradable.			
2.3 Bioa	ccumulative potential					
<u>Com</u>	ponents:					
Partit	r elipase: ion coefficient: n- nol/water	: log Pow: < 4				
	ility in soil ata available					
2.5 Resu	ults of PBT and vPvB a	assessment				
<u>Prod</u> Asse	<u>uct:</u> ssment	to be either pers	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.			
2.6 Endo	ocrine disrupting prop	erties				
Prod	uct:					
Asse	ssment	ered to have en REACH Article (EU) 2017/2100	 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. 			
2.7 Othe	r adverse effects					
No da	ata available					
SECTIO	N 13: Disposal consi	derations				
3.1 Wast	te treatment methods					
Produ		 Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer. 				
		Waste codes sh discussion with	ould be assigned by the user, preferably in the waste disposal authorities.			

14.1 UN number or ID number

ADN

: Not regulated as a dangerous good



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ADR		: Not regulated as a dangerous good
RID		: Not regulated as a dangerous good
IMDG		: Not regulated as a dangerous good
ΙΑΤΑ		: Not regulated as a dangerous good
14.2 UN p	roper shipping name	
ADN		: Not regulated as a dangerous good
ADR		: Not regulated as a dangerous good
RID		: Not regulated as a dangerous good
IMDG		: Not regulated as a dangerous good
ΙΑΤΑ		: Not regulated as a dangerous good
14.3 Trans	sport hazard class(es	
ADN		: Not regulated as a dangerous good
ADR		: Not regulated as a dangerous good
RID		: Not regulated as a dangerous good
IMDG		: Not regulated as a dangerous good
ΙΑΤΑ		: Not regulated as a dangerous good
14.4 Pack	ing group	
ADN		: Not regulated as a dangerous good
ADR		: Not regulated as a dangerous good
RID		: Not regulated as a dangerous good
IMDG		: Not regulated as a dangerous good
ΙΑΤΑ	(Cargo)	: Not regulated as a dangerous good
ΙΑΤΑ	(Passenger)	: Not regulated as a dangerous good
	onmental hazards egulated as a dangerou	s good
-	ial precautions for us	er
14.7 Marit	ime transport in bulk	according to IMO instruments
Rema	irks	: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on : Not applicable the market and use of certain dangerous substances,



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mixture	es and articles (Annex 2	X\/II)			
REACI	H - Candidate List of Su	ubstances of Very High	I	:	Not applicable
	rn for Authorisation (Ar ation (EC) No 1005/200	,	e-		Not applicable
plete the ozone layer					
Regula tants (r	ation (EU) 2019/1021 of	n persistent organic po	llu-	:	Not applicable
```	ation (EU) No 649/2012	of the European Parlia	<b>a</b> -		Not applicable
ment and the Council concerning the export and import					
of dang	gerous chemicals				
	H - List of substances s	subject to authorisation		:	Not applicable
(Annex	,	Ell of the Europeen De	rlionor		and of the Council on the control of

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

#### The components of this product are reported in the following inventories:

AICS		not determined
DSL	:	not determined
IECSC	:	not determined

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

Other information	:	Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.		
Full text of H-Statements				
H315	:	Causes skin irritation.		
H319	:	Causes serious eye irritation.		
H334	:	May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.		
Full text of other abbreviations				
Eye Irrit.	:	Eye irritation		
Resp. Sens.	:	Respiratory sensitisation		
Skin Irrit.	:	Skin irritation		
IE OEL	:	Ireland. List of Chemical Agents and Carcinogens with Occu- pational Exposure Limit Values - Code of Practice, Schedule 1 and 2		
IE OEL / OELV - 8 hrs (TWA)	:	Occupational exposure limit value (8-hour reference period)		
IE OEL / OELV - 15 min	:	Occupational exposure limit value (15-minute reference peri-		



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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

Eye Irrit. 2

Resp. Sens. 1

Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/	
Classification of the mixtur	e:	Classification procedure:	
Skin Irrit. 2	H3 ⁻	Calculation method	

Calculation method

Calculation method

H319

H334

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text.



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Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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