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

1.1 Pro	oduct identifier		
Tr	ade name	:	Glypure™ 99
SI	DS-Identcode	:	13000000520
R	EACH Registration Number	:	01-2119485579-17-0019
Su	ubstance name	:	Glycolic acid
EC	C-No.	:	201-180-5

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

Use of the Sub-	:	Distribution, Storage, Personal care, Cosmetics
stance/Mixture		

1.3 Details of the supplier of the safety data sheet

Company	:	PureTech Scientific LLC		
		901 West DuPont Avenue, Belle, VW 25015, United States of America		
Telephone	:	1-877-215-5999		
Telefax	:	1-304-357-1364		
E-mail address of person responsible for the SDS	:	sds-support@puretechscientific.com		

1.4 Emergency telephone number

+1 760 476 3959 access code 336264

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)						
Acute toxicity, Category 4	H332: Harmful if inhaled.					
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.					
Serious eye damage, Category 1	H318: Causes serious eye damage.					

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms		:		
Signa	l word	:	Danger	
Haza	rd statements	:	H314 Causes severe skin burns and eye damage.H332 Harmful if inhaled.	
Supplemental Hazard Statements		:	EUH071 Co	prrosive to the respiratory tract.
Precautionary statements		:	P271 Use only of P280 Wear protection face protection Response: P301 + P330 + P3 mouth. Do NOT in CENTER/ doctor. P303 + P361 + P3 immediately all con shower. Immediate P305 + P351 + P3 with water for sever	 31 + P310 IF SWALLOWED: Rinse duce vomiting. Immediately call a POISON 53 + P310 IF ON SKIN (or hair): Take off ntaminated clothing. Rinse skin with water or ely call a POISON CENTER/ doctor. 38 + P310 IF IN EYES: Rinse cautiously eral minutes. Remove contact lenses, if preo. Continue rinsing. Immediately call a

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	: Glycolic acid
EC-No.	: 201-180-5

Components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)
Glycolic acid	79-14-1	>= 90 - <= 100
	201-180-5	

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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 advice 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 immediately. In case of contact, immediately flush skin with plenty of water In case of skin contact : for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse. In case of contact, immediately flush eyes with plenty of water In case of eye contact for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately. If swallowed If swallowed, DO NOT induce vomiting. 1 If vomiting occurs have person lean forward. Call a physician or poison control centre immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. 4.2 Most important symptoms and effects, both acute and delayed Symptoms Inhalation may provoke the following symptoms: Cough Shortness of breath Pain Irritation Skin contact may provoke the following symptoms: Irritation Rash Necrosis Discomfort

Eye contact may provoke the following symptoms Corrosion Ulceration Severe irritation

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			Ingestion may p Gastrointestinal Nausea Vomiting Diarrhoea	provoke the following symptoms: discomfort			
Risk	S	:	: Causes digestive tract burns.				
			Causes serious Harmful if inhale Corrosive to the Causes severe	ed. e respiratory tract.			
4.3 Indic	ation of any immediate	me	dical attention a	nd special treatment needed			
Trea	atment	:	Treat symptoma	atically and supportively.			
SECTIO	N 5: Firefighting mea	sur	es				
5.1 Extin	guishing media						
Suiti	able extinguishing media	:	Water spray Alcohol-resistar Carbon dioxide Dry chemical				
	Unsuitable extinguishing media		None known.				
5.2 Spec	ial hazards arising from	the	e substance or n	nixture			
	Specific hazards during fire- fighting		Exposure to combustion products may be a hazard to he				
Haz ucts	ardous combustion prod-	d- : Carbon oxides					
5.3 Advi	ce for firefighters						
	cial protective equipment irefighters	:		ire, wear self-contained breathing apparatus. rotective equipment.			
Spe	cific extinguishing meth-	:	: Use extinguishing measures that are appropriate to local cir-				

ic extinguishing meth- :		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

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6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

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				ing advice (see section 7) and personal pro- t recommendations (see section 8).
	nmental precautions	Pre Ret Loc	vent further le ain and dispos	he environment. akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages ied.
6.3 Method	s and material for co	ntainmei	nt and cleani	ng up
		ove Add Soa Clea ben Loc pos emp min Sec	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. 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 dete mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regard 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

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not breathe decomposition products.
		Do not get on skin or clothing. Avoid breathing dust, fume, gas, mist, vapours or spray. Do not breathe dust or mist. Do not swallow. Do not get in eyes. 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. 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



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		flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash conta nated clothing before re-use.				
7.2 Co	nditions for safe storage,	including	any incomp	patibilities		
	equirements for storage eas and containers	tightl	y closed. Kee	abelled containers. Store locked up. Keep ep in a cool, well-ventilated place. Store in he particular national regulations.		
Ad	dvice on common storage	Stror Self- Orga	ng oxidizing a	stances and mixtures		
	ecommended storage tem- erature	: >10	°C			
7.3 Sp	ecific end use(s)					
-	pecific use(s)	: No d	ata available			

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis		
Carbon dioxide	124-38-9	OEL-RL	10.000 ppm	ZA OEL		
	Further information: Occupational Exposure Limits - Restricted Limits For Hazardous Chemical Agents					
		OEL- RL STEL/C	60.000 ppm	ZA OEL		
	Further information: Occupational Exposure Limits - Restricted Limits For					
	Hazardous Chemical Agents					
		TWA	5.000 ppm 9.000 mg/m3	2006/15/EC		

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

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Glycolic acid	Workers	Inhalation	Acute systemic ef- fects	9,2 mg/m3
	Workers	Inhalation	Acute local effects	9,2 mg/m3
	Workers	Skin contact	Long-term systemic effects	57,69 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	10,56 mg/m3
	Workers	Inhalation	Long-term local ef-	1,53 mg/m3

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16,66 mg/kg food

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						fects		
		Consumers Consumers				n Acute systemic ef- fects		m3
						Long-term systemic effects	28,85 m bw/day	ng/kg
		Consumers		Ingestion	l	Long-term systemic effects	0,75 mg bw/day	g/kg
		Consume	Consumers I		า	Acute local effects	2,3 mg/	m3
		Consumers		Inhalation	า	Long-term systemic effects	2,6 mg/	m3
Predi	cted No Effect C	oncentratio	on (PN	IEC) acco	ording to	Regulation (EC) No.	1907/2006	
Subst	tance name		Environmental Compartment		ment	Value		
Glyco	lie acid		Erock	h watar			0.0212 ma	/I

oubstance nume	Environmental Compartment	Vulue
Glycolic acid	Fresh water	0,0312 mg/l
	Freshwater - intermittent	0,312 mg/l
	Marine water	0,0031 mg/l
	Marine sediment	0,0115 mg/kg dry weight (d.w.)
	Fresh water sediment	0,115 mg/kg dry weight (d.w.)
	Soil	0,007 mg/kg dry weight (d.w.)
	Sewage treatment plant	7 mg/l

Oral (Secondary Poisoning)

8.2 Exposure controls

Engineering measures

Processing may form hazardous compounds (see section 10). Minimize workplace exposure concentrations. If sufficient ventilation is unavailable, use with local exhaust ventilation.

Personal protective equipment	nt					
Eye/face protection	:	Wear the following personal protective equipment: Chemical resistant goggles must be worn. If splashes are likely to occur, wear: Face-shield				
Hand protection						
Material	:	Chemical-resistant gloves				
Remarks	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.				
Skin and body protection	:	Select appropriate protective clothing based on chemical re- sistance data and an assessment of the local exposure poten- tial. Skin contact must be avoided by using impervious protective				

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			clothing (gloves,	aprons, boots, etc).
Respi	ratory protection	:	sure assessment	exhaust ventilation is not available or expo- demonstrates exposures outside the rec- lines, use respiratory protection.
Fil	ter type	:	Inorganic gas/vap	pour type (B)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	crystalline
Colour	:	colourless
Odour	:	slight
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	> 78 °C
Initial boiling point and boiling range	:	169 °C
Flash point	:	> 100 °C
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not classified as a flammability hazard, Not expected to form explosive dust-air mixtures.
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	0,0041 hPa (25 °C)
Relative vapour density	:	Not applicable
Relative density	:	1,36 (26 °C)
Density	:	1,266 g/cm³ (20 °C)
Solubility(ies) Water solubility	:	> 300 g/l (22 °C)
Partition coefficient: n- octanol/water	:	log Pow: -1,07 (25 °C)

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Auto-	ignition temperature	:	No data availabl	e
Deco	mposition temperature	:	No data availabl	e
	scosity, kinematic		6,149 mm2/s (23	3 °C)
Explo	sive properties	:	Not explosive	
Oxidiz	zing properties	:	The substance of	r mixture is not classified as oxidizing.
• • ••••	information tle size	:	No data availabl	e

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	 Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
10.4 Conditions to avoid	

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

Thermal decomposition	: Carbon dioxide
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SECTION 11: Toxicological information

11.1 Information on toxicological	eff	ects
Information on likely routes of exposure	:	Skin contact Ingestion Eye contact
Acute toxicity Harmful if inhaled.		
Product: Acute inhalation toxicity	:	Acute toxicity estimate: 3,61 mg/l Exposure time: 4 h

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			Test atmospher Method: Calcula	
Com	oonents:			
Glyco	olic acid:			
-	oral toxicity	:	LD50 (Rat): 2.04 Method: US EP	40 mg/kg A Test Guideline OPP 81-1
Acute	inhalation toxicity	:		4 h
Acute	e dermal toxicity	:	Assessment: Th toxicity	e substance or mixture has no acute dermal
	corrosion/irritation es severe burns.			
<u>Comp</u>	oonents:			
Glyco	olic acid:			
Speci Metho Resul	bd	:	Rabbit OECD Test Gui Corrosive after 3	deline 404 3 minutes to 1 hour of exposure
	u s eye damage/eye i es serious eye damag		on	
<u>Com</u>	oonents:			
Glyco	olic acid:			
Speci Metho Resul	bd	:	Rabbit OECD Test Gui Irreversible effe	
Resp	iratory or skin sensit	tisatio	n	
	sensitisation lassified based on ava	ilable	information.	
-	iratory sensitisation lassified based on ava	ilable	information.	
<u>Comp</u>	oonents:			
Glyco	olic acid:			
Test Expos Speci Metho Resul	sure routes les od	:	Buehler Test Skin contact Guinea pig OECD Test Gui negative	deline 406

:

negative

Result

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			Scientif
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	cell mutagenicity assified based on avail	able information.	
<u>Comp</u>	oonents:		
Glyco	olic acid:		
Genot	toxicity in vitro		acterial reverse mutation assay (AMES) D Test Guideline 471 ive
			nromosome aberration test in vitro D Test Guideline 473 ive
			vitro mammalian cell gene mutation test D Test Guideline 476 ive
Genot	toxicity in vivo	cytogenetic as Species: Mou Application Ro	se oute: Ingestion D Test Guideline 474
Germ sessn	cell mutagenicity- As- nent	: Weight of evic cell mutagen.	dence does not support classification as a gerr
Carci	nogenicity		
Not cl	assified based on avail	able information.	
<u>Comp</u>	oonents:		
Glyco	olic acid:		
Speci		: Mouse	
	ation Route	: Skin contact : 40 weeks	
Resul		: negative	
Carcir ment	nogenicity - Assess-	: Weight of evic cinogen	dence does not support classification as a car-
•	oductive toxicity assified based on avail	able information	
	oonents:		
	blic acid:		
-	s on fertility	Species: Rat Application Re	ne-generation reproduction toxicity study oute: Ingestion ulation (EC) No. 440/2008, Annex, B.34 ive
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Effec ment	ts on foetal develop-	S A N	Species: Rat	ryo-foetal development e: Ingestion Fest Guideline 414
Repro sessr	oductive toxicity - As- nent		Veight of eviden luctive toxicity	ce does not support classification for repro-
	Γ - single exposure sive to the respiratory	tract.		
	- repeated exposure			
	lassified based on availated	lable in	ormation.	
-	ated dose toxicity			
Com	ponents:			
Speci NOAI LOAE Applie	EL EL cation Route sure time	: 1 : : : lı : 9	Rat, male and fe 50 mg/kg 300 mg/kg ngestion 10 Days DECD Test Guid	
-	r ation toxicity lassified based on avai	lable in	formation.	
Expe	rience with human e>	posure	;	
Prod	uct:			
Inhala	ation	: 8	symptoms: Cou	gh, Dizziness, Severe irritation, Damage
		a Ii	minimal risk of halation of dus	mospheric temperature, this product has only inhalation due to its low vapour pressure., t may cause serious respiratory problems., respiratory tract.
Skin	contact	: 5	symptoms: Infla	mmation, Burn, Damage, Corrosion
Eye c	contact	: 5	symptoms: Seve	ere irritation, Corrosion, Ulceration
Inges	tion		Symptoms: Vom nal disturbance	iting, Diarrhoea, Abdominal pain, Gastrointes

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SECTION 12: Ecological information

12.1 Toxicity

Components:

Glycolic acid:		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 114,8 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 99,6 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): 31,2 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Pseudokirchneriella subcapitata (green algae)): 14,4 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

12.2 Persistence and degradability

Components:

Glycolic acid:

Biodegradability	:	Result: Readily biodegradable.
		Method: OECD Test Guideline 301B

12.3 Bioaccumulative potential

Components:

Glycolic acid:

Partition coefficient: n- : log Pow: -1,07 octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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.

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12.6 Other	adverse effects		
<u>Produ</u>	ct:		
Endoc tial	rine disrupting poten-	ered to have en REACH Article	mixture does not contain components consid- docrine disrupting properties according to 57(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at or higher.
SECTION	13: Disposal consi	derations	

Product	:	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.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number		
ADN	:	UN 3261
ADR	:	UN 3261
RID	:	UN 3261
IMDG	:	UN 3261
ΙΑΤΑ	:	UN 3261
14.2 UN proper shipping name		
ADN	:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Glycolic acid)
ADR	:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Glycolic acid)
RID	:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Glycolic acid)
IMDG	:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Glycolic acid)
ΙΑΤΑ	:	Corrosive solid, acidic, organic, n.o.s. (Glycolic acid)

14.3 Transport hazard class(es)

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ADN		: 8	
ADR		: 8	
RID		: 8	
IMDO	3	: 8	
ΙΑΤΑ		: 8	
14.4 Pack	king group		
ADN			
Class	ing group sification Code Ird Identification Number Is	: II : C4 : 80 : 8	
Class Haza Labe	ing group sification Code ırd Identification Number	: II : C4 : 80 : 8 : (E)	
Class	ing group sification Code ırd Identification Number Is	: II : C4 : 80 : 8	
Labe	ing group	: II : 8 : F-A, S-B	
Pack	(Cargo) ing instruction (cargo	: 863	
	ing instruction (LQ) ing group	: Y844 : II : Corrosive	
Pack	(Passenger) ing instruction (passen- ircraft)	: 859	
	ing instruction (LQ) ing group Is	: Y844 : II : Corrosive	
14.5 Envi	ronmental hazards		
ADN Envir	onmentally hazardous	: no	
ADR	-	: no	
RID	onmentally hazardous	: no	



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IMDG

Marine pollutant : no

14.6 Special precautions for user

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 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Other information :	Glypure [™] and any associated logos are trademarks or copy- rights of PureTech Scientific LLC. Before use read PureTech Scientific LLC safety information. For further information contact the local PureTech Scientific LLC office or nominated distributors. 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 other abbreviations	
2006/15/EC :	Europe. Indicative occupational exposure limit values South Africa. The Regulations for Hazardous Chemical

ZA UEL	-	South Africa. The Regulations for Hazardous Chemical
		Agents, Occupational Exposure Limits
2006/15/EC / TWA	:	Limit Value - eight hours
ZA OEL / OEL-RL	:	Occupational Exposure Limit Restricted limit - 8- hour expo-
		sure or equivalent (12 hour shifts)
ZA OEL / OEL- RL STEL/C	:	Occupational Exposure Limit Restricted limit - Short term oc-
		cupational exposure limits / ceiling limits

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 Agency



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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; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Safety Data		eChem Portal search results and European Chemicals Agen-
Sheet		cy, http://echa.europa.eu/

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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