

WM 0715426	Order number: 0715426	
Version 7.0	Revision Date 03.10.2020	Print Date 07.04.2021

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

1.1 Product identifier

Trade name	: TARAX BIO POWER-GEL, 1L, F
Identification number	: 61138

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

Use of the Substance/Mixture : Cleaning agent

1.3 Details of the supplier of the safety data sheet

Company	:	Erdal GmbH Neualmerstrasse 13 5400 Hallein
Telephone	:	+436245801110
Telefax	:	+43624580111350
E-mail address Responsible/issuing person	:	Produktsicherheit@werner-mertz.com
Contact person	:	Product development / product safety

1.4 Emergency telephone number

112

+43(0)1-4064343

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling:

EUH208 Contains sodium mercaptoacetate. May produce an allergic reaction.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

: Aqueous surfactant solution.

Hazardous components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		



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Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 01-2119488639-16	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412 SCL 5 - < 10 % 2; H319 >= 10,0 % 1; H318	>= 2,5 - < 3
sodium mercaptoacetate	367-51-1 206-696-4 01-2119968564-24	Acute Tox. 4; H312 Skin Sens. 1; H317 Acute Tox. 3; H301 Met. Corr. 1; H290	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	No hazards which require special first aid measures.	
If inhaled	:	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.	
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.	
In case of eye contact	:	Protect unharmed eye. If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.	
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.	
4.2 Most important symptoms and ef	ffec	ts, both acute and delayed	
Symptoms	:	No information available.	
Risks	:	No information available.	
4.3 Indication of any immediate medical attention and special treatment needed			
Treatment	:	For specialist advice physicians should contact the Poisons Information Service.	

SECTION 5: Firefighting measures

5.1 Extinguishing media



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Suitable extinguishing media	: Use extinguishing measures that a circumstances and the surrounding	
5.2 Special hazards arising from the	ubstance or mixture	
Specific hazards during firefighting	: Do not allow run-off from fire fightir courses.	ng to enter drains or water
Hazardous combustion products	: No hazardous combustion products	s are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	: In the event of fire, wear self-conta	ined breathing apparatus.
Further information	 Collect contaminated fire extinguisl not be discharged into drains. Fire extinguishing water must be dispos regulations. 	residues and contaminated fire

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.	Personal precautions	: Use personal protective equipment.
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6.2 Environmental precautions

Environmental precautions	: Try to prevent the material from entering drains or water courses
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	: Neutralise with acid.
	Sweep up and shovel.
	Wipe up with absorbent material (e.g. cloth, fleece).
	Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	For personal protection see section 8. No special handling advice required.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas	:	Keep container tightly closed in a dry and well-ventilated place. Store
and containers		at room temperature in the original container.



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Advice on common storage Other data	No special restrictions on storage with other products.No decomposition if stored and applied as directed.	
7.3 Specific end use(s)		
Specific use(s)	: Cleaning agent	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:	:	End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 2750 mg/kg bw/day
		End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 175 mg/m3
		End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 1650 mg/kg bw/day
		End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 52 mg/m3
		End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic effects Value: 15 mg/kg
		End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term local effects Value: 0,132 mg/cm2
		End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term local effects Value: 0,079 mg/cm2
sodium mercaptoacetate 367-51-1:	:	End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 1,41 mg/m3



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	End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term systemic Value: 2,06 mg/kg	ceffects
	End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term local effe Value: 0,004 mg/cm2	ects
	End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic Value: 0,348 mg/m3	ceffects
	End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term local effe Value: 0,004 mg/cm2	ects
	End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic Value: 0,002 mg/kg	ceffects
PNEC Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:	: Fresh water Value: 0,24 mg/l	
	Marine water Value: 0,024 mg/l	
	Fresh water sediment Value: 0,9168 mg/kg	
	Marine sediment Value: 0,09168 mg/kg	
	Soil Value: 7,5 mg/kg dry weight (d.w.)	
	STP Value: 10000 mg/l	
	intermittent release Value: 0,071 mg/l	
	Fresh water sediment Value: 5,45 mg/kg	
	Marine sediment Value: 0,545 mg/kg	
sodium mercaptoacetate 367-51-1:	: Fresh water Value: 38 μg/l	



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	STP Value: 3,2 mg/l	
8.2 Exposure controls		
Personal protective equipment		
Eye protection	: not required under normal use	
Hand protection		
Material	: not required under normal use	
	For prolonged or repeated contact use p It is suggested the usage of chemical res rubber or nitrile rubber category III accor mm). As alternative, a different type of gloves to the recommendations of the producer protection.	sistant gloves made of butyl ding to EN 374-1: 2003 (0,4 might be used if, accordingly
Remarks	: Take note of the information given by the permeability and break through times, ar conditions (mechanical strain, duration o	nd of special workplace
Skin and body protection	: not required under normal use	
Respiratory protection	: not required under normal use	
Environmental exposure contro	<u>ls</u>	
General advice	: Try to prevent the material from entering	drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: light blue
Odour	: characteristic
Odour Threshold	: No data available
рН	: ca. 11,3, at20 °C
Melting point/range	: No data available
Boiling point/boiling range	: No information available.
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Burning rate	: No data available



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: No data available	
: ca. 1,063 g/cm3 at 20 °C	
: soluble	
: No data available	
: ca. 1.250 mPa.s at 20 °C	
: No data available	
: No data available	
: No data available	
	Revision Date 03.10.2020:No data available:No data available:No data available:No data available:No data available:No data available:ca. 1,063 g/cm3 at 20 °C:soluble:No data available:No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions Hazardous reactions No hazards to be specially mentioned. 10.4 Conditions to avoid Conditions to avoid No data available 10.5 Incompatible materials Materials to avoid No data available 10.6 Hazardous decomposition products Hazardous decomposition No hazardous decomposition products Hazardous decomposition No hazardous decomposition products are known. Other information No hazardous decomposition products are known.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Our company is strongly against animal testing. Our company does not place any orders for animal testing for the finished product or the ingredients. However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

<u>Product</u>	
Acute oral toxicity	: Acute toxicity estimate : > 2.000 mg/kg Method: Calculation method
Skin corrosion/irritation	: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
Serious eye damage/eye irritation	: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
Respiratory or skin sensitisation	: No data available
Germ cell mutagenicity	: Not Rated
Carcinogenicity	: Not Rated
Reproductive toxicity	: Not Rated
STOT - single exposure	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration toxicity	: Not Rated
Further information	: No data available
	: No data available
Components:	

<u>Components:</u> Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:			
Acute oral toxicity	:	LD50 Oral Rat: 2.870 mg/kg Method: OECD Test Guideline 401	
		LD50 Rat: 7.400 mg/kg Method: OECD Test Guideline 401	
Acute dermal toxicity	:	LD50 Rat: > 2.000 mg/kg	



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	Method: OECD Test Guideline 402 GLP: yes	
Skin corrosion/irritation	: Species: Rabbit Method: OECD Test Guideline 404	
Serious eye damage/eye irritation	: Species: Rabbit Method: OECD Test Guideline 405	
Respiratory or skin sensitisation	: Result: Does not cause skin sensitisa	ition.
Germ cell mutagenicity		
Genotoxicity in vitro	: Result: negative Method: OECD Test Guideline 471	
Reproductive toxicity	: Species: Rat Application Route: Oral NOAEL: > 300 mg/kg, F1: > 300 mg/kg, Method: OECD Tes	st Guideline 416
Teratogenicity	: Species: Rat Application Route: Oral >1.000 mg/kg > 1.000 mg/kg Method: OECD Test Guideline 414	
Repeated dose toxicity	: NOAEL: 300 mg/kg	
STOT - repeated exposure	: Exposure routes: Ingestion Target Organs: Liver	
sodium mercaptoacetate 367-51-1:		
Acute oral toxicity	: LD50 Oral Rat: 50 mg/kg Method: see user defined free text	
Acute inhalation toxicity	: LC50 Rat: 2.729 mg/l Exposure time: 4 h Method: OECD Test Guideline 403 see user defined free text	
Acute dermal toxicity	: LD50 Dermal Rat: 1.000 mg/kg Method: OECD Test Guideline 402	
Skin corrosion/irritation	: Result: Mild skin irritation Method: OECD Test Guideline 404	
Serious eye damage/eye irritation	: Result: Mild eye irritation Method: OECD Test Guideline 405	



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Respiratory or skin sensitisation	: Species: Mouse Result: May cause sensitisation by skin contac Method: OECD Test Guideline 429	t.
Reproductive toxicity	: Species: Rat NOAEL: 20 mg/kg, Method: OECD Test Guide	line 416
Teratogenicity	: Species: Rat 100 mg/kg	
Repeated dose toxicity	: Rat: NOAEL: 22,5 mg/kg Exposure time: 90 d Method: see user defined free text	

SECTION 12: Ecological information

12.1 Toxicity

<u>Components:</u> Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:		
LC50 (Danio rerio (zebra fish)): 7,1 mg/l Exposure time: 96 h Test Type: flow-through test Method: OECD Test Guideline 203 GLP: yes		
LC50 (Fish): > 1 - 10 mg/l Test Type: semi-static test Method: OECD Test Guideline 203		
LC50 (Leuciscus idus (Golden orfe)): 10 - 100 mg/l Method: OECD Test Guideline 203		
NOEC (Oncorhynchus mykiss (rainbow trout)): 0,14 mg/l Exposure time: 28 d Test Type: flow-through test Method: OECD Test Guideline 204		
LC50 (Brachydanio rerio (zebrafish)): 1 - 10 mg/l Test Type: flow-through test Method: OECD Test Guideline 203		
LC50 (Brachydanio rerio (zebrafish)): 7,1 mg/l Exposure time: 96 h		
EC50 (Daphnia pulex (Water flea)): 7,4 mg/l Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202		
EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202		



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		NOEC (Daphnia magna (Water flea)): 0,27 r Exposure time: 21 d Test Type: flow-through test Method: OECD Test Guideline 211	ng/l
		(Daphnia magna (Water flea)): 7,2 mg/l Exposure time: 48 h	
Toxicity to algae	:	EC50 (Desmodesmus subspicatus (green al Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201 GLP: yes	gae)): 27,7 mg/l
		EC50 (Scenedesmus subspicatus): 10 - 100 Method: OECD Test Guideline 201	mg/l
		EC50 (Desmodesmus subspicatus (green al Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201	gae)): > 10 - 100 mg/l
		NOEC : 0,95 mg/l Test Type: Growth inhibition Method: OECD Test Guideline 201	
		NOEC (Desmodesmus subspicatus (green a Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201	algae)): 0,93 mg/l
Toxicity to bacteria	:	EC50 (Pseudomonas putida): > 10 g/l Exposure time: 16 h Test Type: Cell multiplication inhibition test Method: DIN 38412 GLP: yes	
		EC10 (Pseudomonas putida): > 10 g/l Test Type: Cell multiplication inhibition test GLP:	
Toxicity to fish (Chronic toxicity)	:	NOEC: 1,2 mg/l	
		NOEC: 1 - 10 mg/l Species: Leuciscus idus (Golden orfe)	
		NOEC: 0,14 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow tro Method: OECD Test Guideline 204	ut)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: > 0,1 - 1 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211	
Toxicity to soil dwelling organisms	:	NOEC: 750 mg/kg Exposure time: 96 d Species: Eisenia fetida (earthworms) Method: OECD Test Guideline 222	



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sodium mercaptoacetate 367-51-1:		
367-51-1: Toxicity to fish	: LC50 (Leuciscus idus (Golden orfe)): 8 Exposure time: 48 h Method: DIN 38412	380 mg/l
	LC50 (Oncorhynchus mykiss (rainbow Exposure time: 96 h Method: OECD Test Guideline 203 Remarks: see user defined free text	trout)): > 100 mg/l
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 3 Exposure time: 48 h Method: EG 84/449 Remarks: see user defined free text	38 mg/l
Toxicity to algae	: EC50 (Pseudokirchneriella subcapitata Exposure time: 72 h Method: OECD Test Guideline 201	a (green algae)): 13 mg/l
	EC50 (Desmodesmus subspicatus (gro Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: see user defined free text	een algae)): > 100 mg/l
Toxicity to bacteria	: EC50 (activated sludge): 530 mg/l Exposure time: 3 h Method: OECD Test Guideline 209	
Persistence and degradability	,	
Product:		
Biodegradability	: Remarks: The surfactant(s) contained (comply) with the biodegradability crite (EC) No. 648/2004 on detergents.	
<u>Components:</u> Alcohols, C12-14, ethoxylated 68891-38-3:	l, sulfates, sodium salts	
Biodegradability	: Test Type: aerobic Result: rapidly biodegradable Biodegradation: > 70 % Exposure time: 28 d Method: OECD 301 A	
	Test Type: anaerobic Result: Biodegradable Biodegradation: > 60 % Exposure time: 41 d	
sodium mercaptoacetate 367-51-1:		



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12.3 Bioaccumulative potential		
Components:		
Alcohols, C12-14, ethoxylated, s 68891-38-3:	ulfates, sodium salts	
Bioaccumulation	: Remarks: Bioaccumulation is unlikely.	
sodium mercaptoacetate 367-51-1:		
Partition coefficient: n- octanol/water	: log Pow: -3,78	
12.4 Mobility in soil		
Components:		
Alcohols, C12-14, ethoxylated, s	ulfates, sodium salts	
68891-38-3: Distribution among	: Adsorption/Soil	
environmental compartments	Medium:Soil	
	Koc: 191Method: see user defined free tex	ĸt
I 2.5 Results of PBT and vPvB assess	sment	
Components:		
Alcohols, C12-14, ethoxylated, s 68891-38-3:	ulfates, sodium salts	
Assessment	: This substance is not considered to be ver bioaccumulating (vPvB) This substance i persistent, bioaccumulating and toxic (PBT	s not considered to be
2.6 Other adverse effects		
Product:		
Additional ecological information	: There is no data available for this product.	
SECTION 13: Disposal considerat	ions	
13.1 Waste treatment methods	10115	
Product	: Offer surplus and non-recyclable solutions company.	to a licensed disposal
Contaminated packaging	: Empty remaining contents. Empty containers should be taken to an ap site for recycling or disposal.	oproved waste handling

SECTION 14: Transport information

14.1 UN number

ADR Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods

14.2 Proper shipping name



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Not regulated as a dangerous good

14.3 Transport hazard class

ADR Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods

14.4 Packing group

ADR Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods

14.5 Environmental hazards

ADR Not dangerous goods IMDG Not regulated as a dangerous good IATA Not dangerous goods

14.6 Special precautions for user Remarks

: Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and
the Council concerning the export and import of dangerous
chemicals: Not applicableREACH - Restrictions on the manufacture, placing on the
market and use of certain dangerous substances, preparations: Not applicable

and articles (Annex XVII)

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
TA Luft List (Germany)	: : : 0 : 0 : 1	Total dust: Not applicable norganic substances in powdered form: Not applicable norganic substances in vapour or gaseous form: : portionClass 3: 5,5 % Organic Substances: : portionClass 1: 0,99 % Carcinogenic substances: Not applicable Mutagenic: Not applicable Toxic to reproduction: Not applicable



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Volatile organic compounds (VOC) content	: Directive 2010/75/EU of 24 November 2010 (integrated pollution prevention and control) Update: Percent volatile: 5,01 % 563,48 g/l VOC content excluding water	
Volatile organic compounds (VOC) content	 Directive 2010/75/EU of 24 November 2010 (integrated pollution prevention and control) Update: Percent volatile: 5,01 % 53,3 g/l VOC content valid only for coating materials 	
according to Detergents Regulation EC 648/2004	: <5% Anionic surfactants, Non-ionic surfacta	ints, Perfumes

15.2 Chemical safety assessment

There is no data available for this product.

SECTION 16: Other information

Full text of H-Statements

H290	May be corrosive to metals.
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Further information

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

Classification procedure:

Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS -Australian Inventory of Chemical Substances; 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



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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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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.