

Version Revision Date: 5.0 18.01.2023

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

1.1 Product identifier

Trade name	: STANDART RESIST ROTOFLEX brillant Rich Pale Gold
	Bronze Powder

Product code : 069540BP0

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

- Use of the Substance/Mixture
- : Colouring agents, pigments

1.3 Details of the supplier of the safety data sheet

Company	:	ECKART GmbH Guentersthal 4 91235 Hartenstein
Telephone	:	+499152770
Telefax	:	+499152777008
E-mail address of person responsible for the SDS	:	msds.eckart@altana.com

1.4 Emergency telephone number

NCEC: +44 1235 239670 (Europe) Call and response in your language is possible. Contract no.: ECKART29003-NCEC.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	F
Eye irritation, Category 2	Н
Short-term (acute) aquatic hazard,	F
Category 1	
Long-term (chronic) aquatic hazard,	F
Category 1	e

H302: Harmful if swallowed. H319: Causes serious eye irritation. H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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Hazaro	d pictograms	:		
Signal	l word	:	Warning	
Hazaro	d statements	:	H302 H319 H410	Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Preca	utionary statements	:	Prevention: P264 P273 P280 Response: P337 + P313 P391 Disposal:	Wash skin thoroughly after handling. Avoid release to the environment. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention. Collect spillage.
			P501	Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label: Copper

2.3 Other hazards

Combustible Solids

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

oomponenta			
Chemical name	CAS-No.	ClassificationREGUL	Concentration
	EC-No.	ATION (EC) No	(% w/w)
	Index-No.	1272/2008	
	Registration number		
Copper	7440-50-8	Acute Tox. 4; H302	>= 50 - <= 100
		Eye Irrit. 2; H319	
	231-159-6	Aquatic Acute 1;	
	01-2119480154-42	H400	
		Aquatic Chronic 1;	
		H410	



ersion 0	Revision Date: 18.01.2023				
			M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10		
(stabi	owder — zinc dust lised)	7440-66-6 231-175-3 030-001-01-9 01-2119467174	H400 Aquatic Chronic 1; H410	>= 10 - < 20	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move the victim to fresh air.		
		Move out of dangerous area. Show this safety data sheet to the doctor in attendance.		
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.		
In case of skin contact	:	Wash off immediately with soap and plenty of water.		
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing.		
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.		
4.2 Most important symptoms and effects, both acute and delayed				

Risks	:	Harmful if swallowed.
		Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Special powder against metal fire



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			Dry sand ABC powder	
	suitable extinguishing dia	:	Water High volume wate Carbon dioxide (C	
Sp	ecial hazards arising from ecific hazards during efighting			xture off from fire fighting to enter drains or water
5.3 Adv	vice for firefighters			
•	ecial protective equipment firefighters	:	Wear self-contain necessary.	ed breathing apparatus for firefighting if
Fu	rther information	:	Standard procedu	ure for chemical fires.
			must not be disch Fire residues and	ated fire extinguishing water separately. This harged into drains. contaminated fire extinguishing water must accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Evacuate personnel to safe areas. Use personal protective equipment. Avoid dust formation. Avoid breathing dust
		Avoid breathing dust.

6.2 Environmental precautions

Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil.
		Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Use mechanical handling equipment.
include a chore and ap	-	



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		Pick up and	d transfer to properly labelled containers.
		Keep in su	itable, closed containers for disposal.
6.4 Refere	nce to other sections		
	nal protection see sectio	on 8.	
SECTIO	N 7: Handling and st	orage	
7.1 Precau	utions for safe handlir	g	
Advic	e on safe handling e on protection against	dusts do no Avoid form Do not brea Avoid cont For person Smoking, e application Dispose of regulations	usekeeping should be instituted to ensure that of accumulate on surfaces. action of respirable particles. athe vapours/dust. act with skin and eyes. al protection see section 8. eating and drinking should be prohibited in the area.
fire ar	nd explosion	Avoid dust	formation.
Hygie	ne measures	hands befo from food When usin	dustrial hygiene practice. Do not smoke. Wash ore breaks and at the end of workday. Keep away and drink. Keep away from tobacco products. g do not eat or drink. When using do not smoke. Is before breaks and at the end of workday.
7.2 Condi	tions for safe storage,	including any i	ncompatibilities
•	rements for storage and containers		nstallations / working materials must comply with logical safety standards.
		store near closed in a	from sources of ignition - No smoking. Do not combustible materials. Keep containers tightly cool, well-ventilated place. To maintain product not store in heat or direct sunlight.
		place. Elec	ainer tightly closed in a dry and well-ventilated strical installations / working materials must comply chnological safety standards.
	er information on ge conditions	: Protect fro	m humidity and water.
Advic	e on common storage	· Keen away	from oxidizing agents, strongly alkaline and



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		•••	acid materials in order to avoid exothermic reactions. store together with oxidizing and self-igniting products.
Dampness		: Keep in a dry, cool and well-ventilated place.	
Further information on storage stability			a dry place. Imposition if stored and applied as directed.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis	
Copper 7440-50-8		TWA (Fumes)	0.2 mg/m3 (Copper)	GB EH40	
		TWA (Dusts and mists)	1 mg/m3 (Copper)	GB EH40	
		STEL (Dusts and mists)	2 mg/m3 (Copper)	GB EH40	
zinc powder — zinc dust (stabilised)	7440-66-6	TWA (Inhalable)	10 mg/m3	GB EH40	
		TWA (Respirable fraction)	4 mg/m3	GB EH40	
silicon dioxide	7631-86-9	TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40	
	inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above th levels. Some dusts have been assigned specific WELs and exposure to the must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of an particular particle after entry into the human respiratory system, and the bu- response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximat to the fraction that penetrates to the gas exchange region of the lung. Fulle definitions and explanatory material are given in MDHS14/4., Where dusts				



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	sh	ould be complied	d with., Where	eir own assigned WEL, all the no specific short-term expos exposure limit should be us	sure limit is listed,
		TW/ dus	A (Respirable t)	2.4 mg/m3 (Silica)	GB EH40
	inl wh M re su cc inl ar lev m pa re di ar di ar to de cc sh a	halable dust are then sampling is upper sampling to the sampling the sampling with the same sponse that it elices and 'respirable', In a terial that enters will able for depose the fraction that effinitions and exponded the complied figure three times the same same same same same same same sam	hose fractions indertaken in a l methods for s and inhalable us to health ind equal to or green mg.m-3 8-hour opect to COSHI have been as the appropriate range of sizes. fter entry into the cits, depend on ize fractions for halable dust ap the nose and sition in the resp penetrates to the lanatory matering to that have the d with., Where the sthe long-term	bess of these limits, respirab of airborne dust which will b ccordance with the methods sampling and gravimetric and aerosols., The COSHH defi- cludes dust of any kind where eater than 10 mg.m-3 8-hour TWA of respirable dust. This if people are exposed to d signed specific WELs and ex- limits., Most industrial dusts The behaviour, deposition a he human respiratory system the nature and size of the p or limit-setting purposes term oproximates to the fraction o mouth during breathing and biratory tract. Respirable dust he gas exchange region of t al are given in MDHS14/4., fir own assigned WEL, all the no specific short-term expose exposure limit should be us	e collected a described in alysis or nition of a present at a TWA of is means that ust above these contain and fate of any m, and the body particle. HSE ned 'inhalable' f airborne is therefore at approximates he lung. Fuller Where dusts e relevant limits sure limit is listed,

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

Substance name	End Use	Exposure routes	Potential health effects	Value
Copper	Workers	Skin contact	Long-term systemic effects	137 mg/kg
	Workers	Skin contact	Acute systemic effects	273 mg/kg
	Workers	Inhalation	Long-term systemic effects	20 mg/m3
	Consumers	Inhalation	Long-term local effects	1 mg/m3
	Consumers	Inhalation	Acute local effects	1 mg/m3
	Consumers	Skin contact	Long-term systemic effects	137 mg/kg
	Consumers	Skin contact	Acute systemic effects	273 mg/kg
	Consumers	Ingestion	Long-term systemic effects	0.041 mg/kg
zinc powder — zinc dust (stabilised)	Workers	Inhalation	Long-term systemic effects	5 mg/m3
	Workers	Skin contact	Long-term systemic	83 mg/kg

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1				effects	
		Consumers	Inhalation	Long-term systemic effects	2.5 mg/m3
		Consumers	Skin contact	Long-term systemic effects	83 mg/kg
		Consumers	Ingestion	Long-term systemic effects	0.83 mg/kg

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

Substance name	Environmental Compartment	Value
Copper	Fresh water	0.0078 mg/l
	Marine water	0.0052 mg/l
	STP	0.230 mg/l
	Fresh water sediment	87 mg/kg
	Marine sediment	676 mg/kg
	Soil	65 mg/kg
zinc powder — zinc dust (stabilised)	Fresh water	0.0206 mg/l
	Marine water	0.0061 mg/l
	STP	0.100 mg/l
	Fresh water sediment	235.6 mg/kg
	Marine sediment	121 mg/kg
	Soil	35.6 mg/kg

8.2 Exposure controls

Personal protective equipme Eye/face protection Hand protection Material	ent :	Safety glasses Wear face-shield and protective suit for abnormal processing problems. Leather
Remarks Skin and body protection	:	Leather gloves The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. The exact break through time can be obtained from the protective glove producer and this has to be observed. Recommended preventive skin protection The suitability for a specific workplace should be discussed with the producers of the protective gloves. Long sleeved clothing Safety shoes
Respiratory protection	:	Dust impervious protective suit Choose body protection according to the amount and concentration of the dangerous substance at the work place. Use suitable breathing protection if workplace concentration requires. Respirator with a dust filter



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			P1 filter	
SECTIO	N 9: Physical and che	emica	al properties	
9.1 Inforn	nation on basic physica	al and	d chemical pro	perties
Phys	ical state	:	powder	
Color	ur	:	gold	
Odou	ır	:	odourless	
Odou	ur Threshold	:	No data availal	ble
Freez	ring point	:	No data availal	ble
Boilir	ng point/boiling range	:	No data availal	ble
Flam	mability	:	Combustible S	olids
	er explosion limit / Upper nability limit	:	No data availal	ble
	r explosion limit / Lower nability limit	:	No data availa	ble
Flash	point	:	No data availal	ble
Auto	-ignition temperature	:	Not relevant	
Deco	mposition temperature	:	No data availal	ble
pН		:	substance/mix	ture is non-soluble (in water)
Vi	scosity, kinematic	:	No data availal	ble
W	pility(ies) /ater solubility plubility in other solvents	:	insoluble No data availal	ble
	ion coefficient: n-	:	No data availal	ble
	nol/water our pressure	:	No data availal	ble
Relat	ive density	:	No data availal	ble
Dens	ity	:	ca. 8.5 g/cm3	
	ive vapour density		No data availal	ble



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9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned. No decomposition if stored and applied as directed.
		Dust may form explosive mixture in air.

10.4 Conditions to avoid

Conditions to avoid

: No data available

No data available

10.5 Incompatible materials

10.6 Hazardous decomposition products

This information is not available.

SECTION 11: Toxicological information

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

Acute toxicity Harmful if swallowed.	
Product: Acute oral toxicity	: Acute toxicity estimate: 624.22 mg/kg Method: Calculation method
Components:	
Copper: Acute oral toxicity	: Assessment: The component/mixture is moderately toxic after single ingestion.

zinc powder — zinc dust (stabilised):

Acute oral toxicity : (Rat): > 2,000 mg/kg

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006



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Acute	e inhalation toxicity	:	LC50 (Rat): 5.41 r Exposure time: 4 Test atmosphere:	h
	corrosion/irritation lassified based on availa	able	information.	
<u>Prod</u> Rema		:	May cause skin in	ritation in susceptible persons.
Com	ponents:			
Copp Rema		:	May cause skin in	ritation in susceptible persons.
	ous eye damage/eye irr es serious eye irritation.		on	
<u>Prod</u> Rema		:	Eye irritation	
<u>Com</u>	ponents:			
Copp Resu		:	Eye irritation	
Resp	iratory or skin sensitis	atio	n	
-	sensitisation lassified based on availa	able	information.	
-	iratory sensitisation lassified based on availa	able	information.	
	n cell mutagenicity lassified based on availa	able	information.	
	i nogenicity lassified based on availa	able	information.	
-	oductive toxicity lassified based on availa	able	information.	
	F - single exposure lassified based on availa	able	information.	
	F - repeated exposure lassified based on availa	able	information.	



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•	ration toxicity lassified based on ava	ailable information.	

11.2 Information on other hazards

Further information

Product:

Remarks : No data available

Components:

Copper:

Remarks

: No data available

zinc powder — zinc dust	(stabili	ised):
Remarks	:	No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

Copper:

Copper:		
M-Factor (Short-term (acute) aquatic hazard)	:	10
M-Factor (Long-term (chronic) aquatic hazard)	:	10
Ecotoxicology Assessment		
Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.
zinc powder — zinc dust (st	abil	ised):
Ecotoxicology Assessment		
Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available



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	i lity in soil ata available			
12.5 Resu	Its of PBT and vPvB	assessr	nent	
Prod Asse	<u>uct:</u> ssment	to v	be either persis	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
	ocrine disrupting prop ata available	erties		
12.7 Othe	r adverse effects			
	uct: ional ecological nation	u	nprofessional ha	hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.
<u>Com</u>	ponents:			
	eer: ional ecological nation	u	nprofessional ha	hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.
zinc	powder — zinc dust (s	stabilise	ed):	
	ional ecological nation	u	nprofessional ha	hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.
SECTIO	N 13: Disposal cons	iderati	ons	

European Waste Catalogue European Waste Catalogue	:	12 01 04 - non-ferrous metal dust and particles 10 03 21 - other particulates and dust (including ball-mill dust) containing hazardous substances
13.1 Waste treatment methods Product	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. In accordance with local and national regulations.



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Contaminated packaging		:	Empty remaining Dispose of as un Do not re-use em In accordance wit	used product.
SECTIO	N 14: Transport infor	ma	tion	
14.1 UN n	umber or ID number			
ADR		:	UN 3077	
IMDG	ì	:	UN 3077	
ΙΑΤΑ		:	UN 3077	
14.2 UN p	roper shipping name			
ADR		:	ENVIRONMENTA N.O.S. (Copper metal po	LLY HAZARDOUS SUBSTANCE, SOLID, wder)
IMDG	ì	:	ENVIRONMENTA N.O.S. (Copper metal po	LLY HAZARDOUS SUBSTANCE, SOLID, wder)
ΙΑΤΑ		:	Environmentally I (Copper metal po	nazardous substance, solid, n.o.s. wder)
14.3 Trans	sport hazard class(es)			
			Class	Subsidiary risks
ADR		:	9	
IMDG	;	:	9	
ΙΑΤΑ		:	9	
14.4 Pack	ing group			
Class Hazar Label Tunne	el restriction code	:	III M7 90 9 (-)	
Label	ing group s Code	:	III 9 F-A, S-F IMDG Code segr salts	egation group 7 - Heavy metals and their



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L	IATA (Cargo)			
	Packin aircraft	g instruction (cargo)	:	956	
F	Packin	g instruction (LQ)	:	Y956	
F	Packin	g group	:	III	
L	Labels		:	9	
	ΔΤΔ (Passenger)			
		g instruction	:	956	
		nger aircraft)	•		
		g instruction (LQ)	:	Y956	
		g group	:	III	
	Labels		:	9	
14.5 I	Enviro	onmental hazards			
	ADR				
-		nmentally hazardous	:	yes	
I	IMDG				
Ν	Marine	pollutant	:	yes	
14.6 \$	Specia	al precautions for use	er		
	Remarl	•	:	packagings cont	gings <=5L / 5 kg, or combination aining inner packagings <= 5L / 5 kg net per SV375 ADR, 2.10.2.7 IMDG-Code, A197 be applied.
-	-		、		

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,	:	Not applicable
mixtures and articles (Annex XVII) Regulation (EC) No 1005/2009 on substances that	:	Not applicable
deplete the ozone layer		
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
(**************************************		



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15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H-Statements

GB EH40 / STEL

	:	Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.			
Full text of other abbreviations					
Acute Tox.	:	Acute toxicity			
Aquatic Acute	:	Short-term (acute) aquatic hazard			
Aquatic Chronic	:	Long-term (chronic) aquatic hazard			
Eye Irrit.	:	Eye irritation			
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits			

: UK. EH40 WEL - Workplace Exposure Limits GB EH40 / TWA

Long-term exposure limit (8-hour TWA reference period) :

Short-term exposure limit (15-minute reference period) :

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AllC - 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-



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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

Classification of the mixture:		Classification procedure:
Acute Tox. 4	H302	Calculation method
Eye Irrit. 2	H319	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	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. 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.

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