

Version	Revision Date:	SDS Number:	Print Date: 26.11.2024
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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier		
Trade name	:	STANDART RESIST AT Rich Gold Bronze Powder
Product code	:	069507C20

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against** Use of the : Colouring agents, pigments

Substance/Mixture	

#### 1.3 Details of the supplier of the safety data sheet

Company	:	ECKART Suisse SA Route de la Brasserie 2 1963 Vétroz
Telephone	:	+410273454800
Telefax	:	+410273454859
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)

#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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according to Regulation (EC) No. 1907/2006



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Hazard	l pictograms	:		
Signal	word	:	Warning	
Hazard	I statements	:	H302 H319 H410	Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Precau	utionary statements	:	<b>Prevention:</b> P264 P273 P280 <b>Response:</b> P337 + P313 P391 <b>Disposal:</b> P501	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. 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	



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			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	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 -37	>= 25 - < 50	

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	<ul> <li>If unconscious, place in recovery position and seek medical advice.</li> <li>If symptoms persist, call a physician.</li> </ul>			
In case of skin contact	: Wash off immediately with soap and plenty of water.			
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> </ul>			
If swallowed	<ul> <li>Keep respiratory tract clear.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconscious person.</li> <li>If symptoms persist, call a physician.</li> </ul>			
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		
Unsuitable extinguishing : media		:	Water High volume water jet Carbon dioxide (CO2)		
5.2 Special hazards arising from the Specific hazards during firefighting				<b>xture</b> off from fire fighting to enter drains or water	
5.3 Advice for firefighters Special protective equipment for firefighters		:	Wear self-contair necessary.	ned breathing apparatus for firefighting if	
	Further information			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.
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#### 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	transfer to properly labelled containers.
		Keep in suit	able, closed containers for disposal.
	nce to other sections	n 8.	
SECTIO	N 7: Handling and sto	orage	
7.1 Precau	utions for safe handlin	g	
Advic	e on safe handling	dusts do not Avoid forma Do not breat Avoid conta For persona Smoking, ea application a	sekeeping should be instituted to ensure that accumulate on surfaces. tion of respirable particles. the vapours/dust. ct with skin and eyes. I protection see section 8. ting and drinking should be prohibited in the
	e on protection against nd explosion		sures for preventive fire protection.
		Avoid dust f	ormation.
Hygie	ene measures	hands befor from food ar When using	ustrial hygiene practice. Do not smoke. Wash e breaks and at the end of workday. Keep away nd drink. Keep away from tobacco products. do not eat or drink. When using do not smoke. before breaks and at the end of workday.
7.2 Condi	tions for safe storage,	including any in	compatibilities
	irements for storage and containers		stallations / working materials must comply with gical safety standards.
		store near c closed in a c	from sources of ignition - No smoking. Do not ombustible materials. Keep containers tightly cool, well-ventilated place. To maintain product ot store in heat or direct sunlight.
		place. Elect	ner tightly closed in a dry and well-ventilated rical installations / working materials must comply nnological safety standards.
	er information on ge conditions	: Protect from	humidity and water.
Advid	e on common storage	: Keep away	from oxidizing agents, strongly alkaline and



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			0,	terials in order to avoid exothermic reactions. ether with oxidizing and self-igniting products.
Damp	oness	:	Keep in a dry, co	ool and well-ventilated place.
	er information on ge stability	:	Keep in a dry pla No decompositio	ace. on if stored and applied as directed.
7.0.0				

#### 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
	MDHS14/4 G respirable, the substance ha concentration inhalable dus any dust will b levels. Some must comply particles of a particular par response that distinguishes and 'respirabl material that o available for o	eneral methods for s pracic and inhalable zardous to health ind in air equal to or gre t or 4 mg.m-3 8-hou be subject to COSHF dusts have been ass with the appropriate wide range of sizes. ticle after entry into t it elicits, depend on two size fractions for e'., Inhalable dust ap enters the nose and deposition in the resp that penetrates to the	ccordance with the metho sampling and gravimetric aerosols., The COSHH d cludes dust of any kind wh eater than 10 mg.m-3 8-hd TWA of respirable dust. If people are exposed to signed specific WELs and limits., Most industrial due The behaviour, deposition he human respiratory sys the nature and size of the proximates to the fraction mouth during breathing a piratory tract. Respirable of a gas exchange region of al are given in MDHS14/4	analysis or efinition of a nen present at a bur TWA of This means that o dust above these exposure to these sts contain on and fate of any tem, and the body e particle. HSE ermed 'inhalable' n of airborne nd is therefore dust approximates if the lung. Fuller

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	5	should be com	nplied with., Where	eir own assigned WEL, all the no specific short-term expos exposure limit should be use 2.4 mg/m3	ure limit is listed,
			dust)	(Silica)	
	i \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	nhalable dust when sampling MDHS14/4 Ge respirable, tho substance haz concentration nhalable dust any dust will b evels. Some c nust comply w particles of a w particular parti response that distinguishes t and 'respirable naterial that e available for d o the fraction definitions and contain compo should be com	are those fractions g is undertaken in a eneral methods for racic and inhalable ardous to health in in air equal to or gr or 4 mg.m-3 8-hou e subject to COSH dusts have been as with the appropriate vide range of sizes icle after entry into it elicits, depend or two size fractions for e., Inhalable dust a nters the nose and eposition in the res that penetrates to the explanatory mater opents that have the applied with., Where	oses of these limits, respirable of airborne dust which will be accordance with the methods sampling and gravimetric ana aerosols., The COSHH defir cludes dust of any kind when eater than 10 mg.m-3 8-hour r TWA of respirable dust. This H if people are exposed to du signed specific WELs and ex limits., Most industrial dusts The behaviour, deposition a the human respiratory system of the nature and size of the pa or limit-setting purposes terme proximates to the fraction of mouth during breathing and piratory tract. Respirable dus he gas exchange region of the ial are given in MDHS14/4., V eir own assigned WEL, all the no specific short-term expos exposure limit should be use	e collected described in lysis or nition of a present at a TWA of s means that ust above these posure to these contain nd fate of any n, and the body article. HSE ed 'inhalable' airborne is therefore t approximates ne lung. Fuller Where dusts e relevant limits ure limit is listed,

Derived No Effect Level (DNEL)	according to Regulation	(EC) No. 1907/2006:
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			· · ·	
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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				effects	
		Consumers	Inhalation	Long-term systemic effects	2.5 mg/m3
		Consumers	Skin conta	ct 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 equipmer Eye/face protection Hand protection Material	t Safety glasses Wear face-shield and protective suit for abnormal processing problems. Leather
Remarks	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	mic	al properties	
.1 Inform	nation on basic physica	l an	d chemical pro	perties
Physi	cal state	:	powder	
Colou	ır	:	gold	
Odou	r	:	odourless	
Odou	r Threshold	:	No data availa	ble
Freez	ing point	:	No data availa	ble
Boilin	g point/boiling range	:	No data availa	ble
Flamr	nability	:	Combustible S	Solids
	r explosion limit / Upper nability limit	:	No data availa	ble
	r explosion limit / Lower nability limit	:	No data availa	ble
Flash	point	:	No data availa	ble
Auto-	ignition temperature	:	Not relevant	
Deco	mposition temperature	:	No data availa	ble
pН		:	substance/mix	ture is non-soluble (in water)
Vi	scosity, kinematic	:	No data availa	ble
W	nility(ies) ater solubility Dubility in other solvents	:	insoluble No data availa	ble
	ion coefficient: n-	:	No data availa	ble
	ol/water ur pressure	:	No data availa	ble
Relati	ve density	:	No data availa	ble
Dens	ity	:	ca. 8.2 g/cm3	
	ve vapour density		No data availa	ble



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	<b>er information</b> Immable solids Burning number	: 1	
Self-ignition		: No data availal	ble
Miscibility with water		: immiscible	

#### **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.
<b>10.4 Conditions to avoid</b> 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 : Ac

: Acute toxicity estimate: 737.83 mg/kg Method: Calculation method



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<u>Com</u>	oonents:			
Сорр	er:			
	oral toxicity	:	Assessment: T single ingestion	he component/mixture is moderately toxic af n.
zinc	powder — zinc dust	(stabil	ised):	
Acute	oral toxicity	:	(Rat): > 2,000	mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): 5.4 Exposure time: Test atmosphe	4 h
	<b>corrosion/irritation</b> lassified based on ava	ailable	information.	
<u>Prod</u> Rema		:	May cause skir	n irritation in susceptible persons.
<u>Com</u>	oonents:			
Сорр	er:			
Rema	irks	:	May cause skir	n irritation in susceptible persons.
Serio	us eye damage/eye	irritati	on	
Cause	es serious eye irritatio	on.		
Prod				
Rema	ırks	:	Eye irritation	
<u>Com</u>	oonents:			
Сорр	er:			
Resul	t	:	Eye irritation	
Resp	iratory or skin sensi	tisatio	n	
-	sensitisation lassified based on ava	ailable	information.	
-	iratory sensitisation lassified based on ava		information.	
	cell mutagenicity			



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	i <b>nogenicity</b> lassified based on ava	ailable information.				
-	oductive toxicity lassified based on ava	ailable information.				
	<b>F - single exposure</b> lassified based on ava	ailable information.				
	<b>STOT - repeated exposure</b> Not classified based on available information.					
-	Aspiration toxicity Not classified based on available information.					
11.2 Infor	mation on other haz	ards				
Furth	ner information					
<u>Prod</u> Rema		: No data availab	ble			
Com	ponents:					
<b>Copp</b> Rema		: No data availab	ble			
<b>zinc</b> Rema	<b>powder — zinc dust</b> arks	<b>(stabilised):</b> : No data availab	ble			

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Components:

<b>Copper:</b> M-Factor (Short-term (acute) aquatic hazard) M-Factor (Long-term (chronic) aquatic hazard)	:	10 10
Ecotoxicology Assessment Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.



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zinc	powder — zinc dust	(stabilised):	
Ecot	oxicology Assessme	nt	
Acute	e aquatic toxicity	: Very toxic to a	quatic life.
Chro	nic aquatic toxicity	: Very toxic to a	quatic life with long lasting effects.
	<b>istence and degrada</b> ata available	bility	
	<b>ccumulative potentia</b> ata available	al	
	i <b>lity in soil</b> ata available		
12.5 Resu	llts of PBT and vPvE	assessment	
<u>Prod</u> Asse	<u>uct:</u> ssment	to be either per	e/mixture contains no components considered rsistent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of
	ocrine disrupting pro	operties	
	r adverse effects		
Prod	uct:		
Addi	ional ecological nation	unprofessional	tal hazard cannot be excluded in the event of handling or disposal. quatic life with long lasting effects.
<u>Com</u>	ponents:		
Сорр	er:		
Addi	ional ecological nation	unprofessional	tal hazard cannot be excluded in the event of handling or disposal. quatic life with long lasting effects.
zinc	powder — zinc dust	(stabilised):	
	ional ecological	: An environmen	tal hazard cannot be excluded in the event of handling or disposal.



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

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.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. In accordance with local and national regulations.

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

14.1 UN number or ID number			
ADR	:	UN 3077	
IMDG	:	UN 3077	
ΙΑΤΑ	:	UN 3077	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALLY N.O.S. (Copper metal powde	HAZARDOUS SUBSTANCE, SOLID,
IMDG	:	ENVIRONMENTALLY N.O.S. (Copper metal powde	HAZARDOUS SUBSTANCE, SOLID,
ΙΑΤΑ	:	Environmentally haza (Copper metal powde	rdous substance, solid, n.o.s. er)
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	



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#### 14.4 Packing group

ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	:	III M7 90 9 (-)
<b>IMDG</b> Packing group Labels EmS Code Remarks	:	III 9 F-A, S-F IMDG Code segregation group 7 - Heavy metals and their salts
<b>IATA (Cargo)</b> Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	:	956 Y956 III 9
IATA (Passenger) Packing instruction (passenger aircraft) Packing instruction (LQ) Packing group Labels	:	956 Y956 III 9
14.5 Environmental hazards		
<b>ADR</b> Environmentally hazardous	:	yes
IMDG Marine pollutant	:	yes
<b>14.6 Special precautions for use</b> Remarks	r :	For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may 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.



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#### **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	:	Not applicable
the market and use of certain dangerous substances,		
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	:	Not applicable
(Annex XIV)		

#### 15.2 Chemical safety assessment

No data available

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

Full text of H-Statements				
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.		
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		
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)		
GB EH40 / STEL	:	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; 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



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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 Verv 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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