according to Regulation (EC) No. 1907/2006



Cu 99,95% powder OFHC 45-100 µm

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

1.1 Product identifier

Trade name	:	Cu 99,95% powder OFHC 45-100 µm
Product code	:	031468UY0
Substance name	:	copper
EC-No.	:	231-159-6

1.2 Relevant identified uses of the substance or mixture and uses advised against This information is not available.

1.3 Details of the supplier of the safety data sheet

Company	:	ECKART TLS GmbH PC-Straße 5 06749 Bitterfeld-Wolfen Germany
Telephone	:	+493493929590
Telefax	:	+4934939295999
E-mail address of person responsible for the SDS	:	info.eckart.tls@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)				
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.			
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.			

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2.2 Label	elements			
Labe	lling (REGULATION ((EC)	No 1272/2008)	
Hazaı	rd pictograms	:	¥2	
Signal word		:	Warning	
Hazard statements		:	H410	Very toxic to aquatic life with long lasting effects.
Precautionary statements		:	Prevention: P273 Response: P391 Disposal: P501	Avoid release to the environment. Collect spillage. Dispose of contents/ container to an approved waste disposal plant.

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

3.1 Substances

Substance name	:	copper
EC-No.	:	231-159-6

Components

Chemical name	CAS-No.	Concentration (%	M-Factor, SCL, ATE
	EC-No.	w/w)	
	Index-No.		
	Registration number		
copper	7440-50-8	>= 50 - <= 100	M-Factor (Acute
	231-159-6		aquatic toxicity):
			1
	01-2119480154-42		

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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. Do not leave the victim unattended. 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 Flush eyes with water as a precaution. : Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. 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 None known.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Dry sand Special powder against metal fire
Unsuitable extinguishing media	:	ABC powder Carbon dioxide (CO2) Foam Water
5.2 Special hazards arising from	the	e substance or mixture
Specific hazards during firefighting	:	Contact with water liberates extremely flammable gas (hydrogen).
		Do not allow run-off from fire fighting to enter drains or water courses.

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5.3 Advice for firefighters Special protective equipment for firefighters		:	necessary.	ed breathing apparatus for firefighting if
Further information		:	must not be disch Fire residues and	ted fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.

SECTION 6: Accidental release measures

• • •	e equipment and emergency procedures Use personal protective equipment. Evacuate personnel to safe areas. Avoid dust formation.		
6.2 Environmental precautions			
General advice :	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. Do not use a vacuum cleaner.		
	Keep in suitable, closed containers for disposal.		

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	
Advice on safe handling :	Avoid creating dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Store away from heat. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Advice on protection against :	Use explosion-proof equipment. During processing, dust may

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fire and explosion			build up of electro	ixture in air. Take measures to prevent the ostatic charge. When transferring from one her apply earthing measures and use material.		
			Provide appropria is formed.	ate exhaust ventilation at places where dust		
Hygie	ne measures	:	Wash hands befo	re breaks and at the end of workday.		
7.2 Condit	ions for safe storage,	inc	luding any incom	patibilities		
Requirements for storage areas and containers		:	with water liberate explosion-proof e	iners and apparatuses is essential. Reaction es extremely flammable gas (hydrogen) Use equipment. Store in original container. Keep es of ignition - No smoking. Keep container n use.		
			place. Containers resealed and kep	ghtly closed in a dry and well-ventilated which are opened must be carefully t upright to prevent leakage. Electrical king materials must comply with the ety standards.		
	Further information on storage conditions		Protect from humidity and water.			
Advic	e on common storage	 Do not store together with oxidizing and self Never allow product to get in contact with wa storage. Keep away from oxidizing agents, strongly a strongly acid materials in order to avoid exot 		oxidizing agents, strongly alkaline and		
	er information on ge stability	:	: No decomposition 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

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

according to Regulation (EC) No. 1907/2006



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	Substa	nce 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
			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

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

8.2 Exposure controls

Personal protective equipment							
Eye/face protection :	Face-shield Tightly fitting safety goggles						
Hand protection Material	Leather						
	Long sleeve gloves						
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 suitability for a specific workplace should be discussed with the producers of the protective gloves.						
Skin and body protection :	Anti-static and fire resistant protective clothing. DIN EN 11612; EN 533; EN 1149-1. Anti-static safety shoes. Dust impervious protective suit						
	Choose body protection according to the amount and concentration of the dangerous substance at the work place.						
Respiratory protection :	Use suitable breathing protection if workplace concentration requires. Breathing apparatus with filter. P1 filter						

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	:	granular	
Colour	:	copper	
Odour	:	characteristic	
Odour Threshold	:	No data available	
Freezing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flammability	:	Combustible Solids	
Upper explosion limit / Upper flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	No data available	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	substance/mixture is non-soluble (in water)	
Viscosity, kinematic	:	No data available	
Solubility(ies) Water solubility Solubility in other solvents	:	insoluble No data available	
Partition coefficient: n-	:	No data available	
octanol/water Vapour pressure	:	No data available	
Relative density	:	No data available	
Density	:	No data available	
Relative vapour density	:	No data available	
Particle characteristics Particle Size Distribution	:	No data available	

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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	:	Contact with acids and alkalis may release hydrogen.		
		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		
10.5 Incompatible materials				
Materials to avoid	:	Acids Bases		

Oxidizing agents Water

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

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

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•	iratory sensitisation	ailable information.							
	Germ cell mutagenicity Not classified based on available information.								
	i nogenicity lassified based on av	ailable information.							
-	oductive toxicity lassified based on available	ailable information.							
	F - single exposure classified based on available	ailable information.							
	F - repeated exposur elassified based on available								
•	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						
SECTIO	N 12: Ecological in	formation							
12.1 Toxi	city								

Components:

	copper: M-Factor (Short-term (acute) aquatic hazard)	:	1
	Ecotoxicology Assessment Acute aquatic toxicity	:	Very toxic to aquatic life.
	Chronic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.
12.2	2 Persistence and degradabili No data available	ity	
12.3	Bioaccumulative potential No data available		
12	1 Mobility in soil		

12.4 Mobility in soil

No data available

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12.5 Re	12.5 Results of PBT and vPvB assessment								
Pro	Product:								
Ass	sessment	 This substance/mixture contains no compone to be either persistent, bioaccumulative and to very persistent and very bioaccumulative (vPv 0.1% or higher. 							
	12.6 Endocrine disrupting properties No data available								
12.7 Ot	ner adverse effects								
information		unprofessional have very toxic to aqu	I hazard cannot be excluded in the event of andling or disposal. atic life. ife with long lasting effects.						
SECTI	SECTION 13: Disposal considerations								
Eu	opean Waste Catalogue	:	particulates and dust (including ball-mill dust) dous 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.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

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 HAZARDOUS SUBSTANCE, SOLID, N.O.S.

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IMDG : (Copper metal powder) IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper metal powder) IATA :: Environmentally hazardous substance, solid, n.o.s. (Copper metal powder) 14.3 Transport hazard class(es) Class Subsidiary risks ADR : 9 IMDG : 9 IATA : 9 Tunnel restriction code : M7 Hazard Identification Number : 9 Tunnel restriction code : (') IMDG : 9 Packing group : III Labelis : 9	Vers 2.0	ion	Revision Date: 11.01.2024		DS Number: 2000036904	Print Date: 15.04.2024 Date of first issue: 25.10.2023	
IATA Cosper metal powder) IATA : Environmentally hazardous substance, solid, n.o.s. (Copper metal powder) 14.3 Transport hazard class(es) Class Subsidiary risks ADR : 9 IMDG : 9 IATA : 9 IATA : 9 IATA : 9 14.4 Packing group : III Classification Code : MT Packing group : III Classification Code : 9 Tunnel restriction code : 0 IADR : 9 Packing group : III Labels : 9 Tunnel restriction code : (') IMDG : 9 EmS Code : FA, S-F Remarks : IMDG Code segregation group 7 - Heavy metals and their salts IATA (Cargo) : Y9566 Packing instruction (LQ) : Y956 Packing instruction (LQ) : 1 <th></th> <th colspan="5">(Copper metal powder)</th>		(Copper metal powder)					
Idealing reprint hazard class(es) Idealing reprint hazard class(es) Idealing reprint hazard class(es) Idealing reprint to the set of		IMDG		:	N.O.S.		
LabelsClassSubsidiary risksADR:9IMDG:9IATA:91ATA:91ATA:91ATA:91ATA:90Classification Code:MClassification Code:MClassification Code:90Labels:90Labels:90Labels:90Labels:9Packing group:IILabels:9Packing instruction code:MDG Code segregation group 7 - Heavy metals and their saltsPacking instruction (cargo aircraft):Y956Packing instruction (LQ):Y956Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::P		ΙΑΤΑ		: Environmentally hazardous substance, solid, n.o.s.			
ADR:9IMDG:9IMTA:9IATA:914.4 Packing group:IIIClassification Code:M7Packing dentification Number:90Labels:90Labels:90Labels:90Labels:90Labels:90Remarks:101Packing group:IIILabels:9Packing group:IIILabels:9Packing group:IIILabels:9Packing instruction (cargo:956aircraft:956Packing instruction (LQ):956Packing instruction (LQ):956Packing instruction (LQ):956Packing instruction (LQ):956Packing instruction (LQ):101Labels::Packing instruction (LQ):101Packing instruction (LQ):101Packing instruction (LQ):101Packing instruction (LQ):101Packing instruction (LQ):102Packing instruction (LQ):102Packing instruction (LQ):102Packing instruction (LQ):102Packing instruction (LQ):102Packing instruction (LQ):102 <th< th=""><th>14.3</th><th>Transp</th><th>oort hazard class(es)</th><th></th><th></th><th></th></th<>	14.3	Transp	oort hazard class(es)				
IMDG::9IATA::914.4 Packing group::IIIClassification Code::M7Hazard Identification Number::90Labels::90Labels::Packing group:IIILabels::Packing group::IMDG::Packing group::IATA (Cargo)::Packing instruction (cargo::Packing instruction (LQ)::Packing instruction (LQ):::::Packing instruction (LQ):::::Packing instruction (LQ):::::::::::::::::::::::::::::::::::::					Class	Subsidiary risks	
IATA:9ADRADR:Packing group:IIIClassification Code:90Labels:90Labels:9Tunnel restriction code:0Labels:0EmS Code:10EmS Code:F-A, S-FRemarks:100GPacking instruction (cargo:100GPacking instruction (LQ):100GPacking instruction (LQ):100GPacking instruction:956Packing instruction:100GPacking instruction:956Packing instruction:		ADR		:	9		
H34 Packing group III Packing group III Classification Code III Classification Code III Labels 90 Labels III Tunnel restriction code III Packing group III Labels III Labels III Labels III Packing group III Labels 9 EmS Code F-A, S-F Remarks IMDG Code segregation group 7 - Heavy metals and their salts Packing instruction (cargo aircraft) III Packing instruction (LQ) III Packing instruction Y956 Packing instruction III Labels 9 Packing instruction Y956 Packing instr		IMDG		:	9		
ADR III Packing group : III Classification Code : M7 Hazard Identification Number : 90 Labels : 9 Tunnel restriction code : (-) IMDG : : Packing group : III Labels : 9 EmS Code : F-A, S-F Remarks : IMDG Code segregation group 7 - Heavy metals and their salts IATA (Cargo) : Y956 Packing instruction (LQ) : Y956 Packing instruction (LQ) : 9 IATA (Passenger) : 9 Packing instruction (LQ) : 9 IATA (Passenger) : III Packing instruction : 9 IATA (Passenger) : III Packing instruction : 9 IATA (Passenger) : III Packing instruction : 9 IAts Environmental hazards : 9		ΙΑΤΑ		:	9		
Packing group:IIIClassification Code:M7Hazard Identification Number:9Labels:9Tunnel restriction code:(-)IMDG:(-)Packing group:IIILabels:9EmS Code:F-A, S-FRemarks:IMDG Code segregation group 7 - Heavy metals and their saltsIATA (Cargo):Y956Packing instruction (LQ):Y956Packing group:IIILabels:9IATA (Passenger):9Packing instruction (LQ):Y956Packing instruction (LQ):9IATA (Passenger):Packing instruction (LQ):9IATA (Passenger):IIIPacking instruction (LQ):9IATA (Passenger):9Packing instruction (LQ):9IATA (Passenger):10Packing instruction (LQ):9IATA (Pase	14.4	Packir	ng group				
EmS Code Remarks:F-A, S-F IMDG Code segregation group 7 - Heavy metals and their saltsIATA (Cargo) Packing instruction (cargo aircraft) Packing group Packing group Packing group Packing instruction (LQ):956 9Packing group LabelsIII S:956 9IATA (Passenger) Packing instruction (LQ):956 9Packing instruction 		Packin Classif Hazard Labels Tunnel IMDG Packin	ication Code Identification Number restriction code	:	M7 90 9 (-)		
Packing instruction (cargo:956aircraft):Y956Packing group:IIILabels:9IATA (Passenger):956Packing instruction:956(passenger aircraft):Y956Packing group:IIILabels:9IATA (Passenger):Y956Packing instruction (LQ):Y956Packing group:IIILabels:914.5 Environmental hazards:MDG Marine pollutant:yes		EmS C		:	F-A, S-F IMDG Code segregation group 7 - Heavy metals and their		
aircraft) Packing instruction (LQ) : Y956 Packing group : III Labels : 9 IATA (Passenger) Packing instruction : 956 (passenger aircraft) Packing instruction (LQ) : Y956 Packing group : III Labels : 9 14.5 Environmental hazards ADR Environmentally hazardous : yes IMDG Marine pollutant : yes							
Packing instruction (LQ):Y956Packing group:IIILabels:9IATA (Passenger):Packing instruction:956(passenger aircraft):Y956Packing group:IIILabels:914.5 Environmental hazardsADR Environmentally hazardous:yesIMDG Marine pollutant:yes				:	956		
Labels:9IATA (Passenger) Packing instruction (passenger aircraft) Packing instruction (LQ):956Packing group Labels:Y956Packing group Labels:IIIBacking group Labels:914.5 Environmental hazardsADR Environmentally hazardous:yesIMDG Marine pollutant:yes		Packin	g instruction (LQ)	:			
Packing instruction : 956 (passenger aircraft) : Y956 Packing group : III Labels : 9 14.5 Environmental hazards : yes IMDG : yes			g group	:			
Packing instruction : 956 (passenger aircraft) : Y956 Packing group : III Labels : 9 14.5 Environmental hazards : yes IMDG : yes		IATA (Passenger)				
Packing instruction (LQ) : Y956 Packing group : III Labels : 9 14.5 Environmental hazards : * ADR : yes IMDG : yes Marine pollutant : yes				:	956		
Packing group Labels:III :Babels:914.5 Environmental hazards:ADR Environmentally hazardous:IMDG Marine pollutant:yes				:	Y956		
14.5 Environmental hazards ADR Environmentally hazardous : IMDG Marine pollutant : yes			g group	:			
ADREnvironmentally hazardous: yesIMDGMarine pollutant: yes			nmontal bazarde	•	9		
Environmentally hazardous : yes IMDG Marine pollutant : yes							
IMDG Marine pollutant : yes			nmentally hazardous	:	yes		
14.6 Special precautions for user		IMDG		:			
	14.6	Specia	al precautions for use	r			

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Remark	ĸs	packagings conta	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, mixtures and articles (Annex XVII)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of other abbreviations

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);

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ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule: ENCS - Existing and New Chemical Substances (Japan): ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

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.

GB / EN