Conforms to EU Regulation 1907/2006/EC as amended



Revision number Revision date Supersedes date SDS number

2
29 <sup>th</sup> April 2022
June 2012
SDS5228

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

1.1 Product Identifier Product name Product Code(s) Other Details

Specialist Crafts Aquapel Size 250ml B532B Production aid for use n the pulp & paper industry.

- 1.2Relevant identified uses of the substance or mixture and uses advised againstUses advised againstNo further information.
- 1.3
   Details of the supplier of the safety data sheet

   Supplier
   Specialist Craft

Specialist Crafts Ltd Hamilton House Mountain Road Leicester LE4 9HQ United Kingdom

Email <u>purchasing@specialistcrafts.com</u> Telephone +44 (0)116 269 7711

#### 1.4 Emergency telephone number Emergency telephone

+44 (0)116 269 7711 This telephone number is available during office hours only, 09:00 to 17:00 GMT, Monday to Friday, excluding UK bank holidays and weekends. Language English

SECTION 2: Hazards Identification

2.1	Classification of the substance o	r mixture
	Classification	Classification (REGULATION (EC) No 1272/2008)
		Not a hazardous substance or mixture.
	Physical Hazards	No further information.
	Health Hazards	No further information.
	Environmental Hazards	No further information.
2.2	Label Elements	
	Hazard Statements	Labelling (REGULATION (EC) No 1272/2008)
		Not a hazardous substance or mixture.
		Additional Labelling EUH210 Safety data sheet available

Signal Word EU Specific Hazard Statements Precautionary Statements	EUH208 Contains 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3- one [EC no.247- 500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239-6] (3:1);. May produce an allergic reaction. No further information. No further information. No further information.
Other information	No further information.
Other Hazards	
Other Hazards	<ul> <li>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.</li> <li>Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.</li> </ul>
	Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Conforms to EU Regulation 1907/2006/EC as amended

#### SECTION 3: Composition/information on ingredients

3.1	Subs	tances		
:	Subs	tances	No further information.	
2.2				
	Mixt <b>Mixt</b>		Refer to below table.	
	IVIIAL	ures		
Chemical name		CAS-No.	Classification	Concentration
		EC-No.		(% w/w)
		Registration number		0.005
1,2-benzisothia	zol-	2634-33-5	Acute Tox. 4; H302	>= 0,025 - <
3(2H)-one		220-120-9	Skin Irrit. 2; H315	0,05
			Eye Dam. 1; H318	
			Skin Sens. 1; H317	
			Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
			specific concentration limit	
			Skin Sens. 1; H317	
			>= 0,05 %	
mixture of: 5-		55965-84-9	Acute Tox. 3; H301	>= 0,0002 - <
chloro-2-methy	/I- <b>4</b> -	55565-64-5	Acute Tox. 2; H330	0,0015
isothiazolin-3-o			Acute Tox. 2; H310	0,0010
[EC no.247- 500			Skin Corr. 1C; H314	
and 2-methyl-2			Eye Dam. 1; H318	
isothiazol-3-one	e		Skin Sens. 1A; H317	
[EC no. 220-239	9-6]		Aquatic Acute 1; H400	
(3:1);			Aquatic Chronic 1; H410	
			EUH071	
			M-Factor (Acute aquatic	
			toxicity): 100 M-Factor (Chronic aquatic	
			toxicity): 100	
			specific concentration limit	
			Skin Corr. 1C; H314	
			>= 0,6 %	
			Skin Irrit. 2; H315 0,06 - < 0,6 %	
			Eye Irrit. 2; H319	
			0,06 - < 0,6 %	
			Skin Sens. 1A; H317	
			>= 0,0015 %	
			Eye Dam. 1; H318	
			>= 0,6 %	
			For explanation of	
			abbreviations see section	
			16.	

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#### SECTION 4: First Aid Measures

4.1	Description of first aid measur	res
	General Advice	No hazards which require special first aid measures.
	Inhalation	If breathed in, move person into fresh air.
		If unconscious, place in recovery position and seek
		medical advice.
		If symptoms persist, call a physician.
	Skin Contact	First aid is not normally required. However, it is
		recommended that exposed areas be cleaned by
		washing with soap and water.
	Eye Contact	Flush eyes with water as a precaution.
		Remove contact lenses.
		Protect unharmed eye.
		If eye irritation persists, consult a specialist.
	Ingestion	IF SWALLOWED: Call a POISON CENTER/ doctor if you
		feel unwell.
		Do not give milk or alcoholic beverages.
		Never give anything by mouth to an unconscious person.
		If symptoms persist, call a physician.
4.2		d effects, both acute and delayed
	General Advice	No further information.
	Symptoms	No symptoms known or expected.
	Effects	No further information.
4.3	-	nedical attention and special treatment needed
	Notes for the doctor	No further information.
	Specific Treatments	No hazards which require special first aid measures.
SECT	ION 5: Fire Fighting Measures	
5.1	Extinguishing Media	
	Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local
		circumstances and the surrounding environment.
		Water spray
		Foam

Unsuitable Extinguishing Media High volume water jet

#### 5.2 Specific Hazards arising from the substance or mixture

Specific Hazards arising from the chemical	Do not allow run-off from firefighting to enter drains or water courses.
Hazardous combustion	Aldehydes
products	Carbon monoxide
	Carbon dioxide (CO2)
	carboxylic acids
	Nitrogen oxides (NOx)

Carbon dioxide (CO2)

Dry chemical

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5.3	Advice for fire fighters	
	Protective actions during	Standard procedure for chemical fires.
	firefighting	
	Special protective equipment	In the event of fire, wear self-contained breathing
	for fire fighters	apparatus.

#### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Persons not wearing protective equipment should be
	excluded from area of spill until clean-up has been
	completed.
	Comply with all applicable federal, state, and local
	regulations.
Other information	No further information.
For emergency responders	No further information.

6.2 Environmental precautions Environmental precautions Prev

Prevent further leakage or spillage if safe to do so.

#### 6.3 Methods and material for containment and cleaning up

	Methods of containment	See below.
	Methods of cleaning up	Keep in suitable, closed containers for disposal.
6.4	Reference to other sections Reference to other sections	For further information see Section 8 and Section 13 of

the safety data sheet.

#### SECTION 7: Handling and Storage

7.1 Precautions for safe handling		
	Advice on safe handling	Smoking, eating and drinking should be prohibited in the
		application area.
		For personal protection see section 8.
		Dispose of rinse water in accordance with local and
		national regulations.
	General hygiene considerations	Wash hands before breaks and at the end of workday.

# 7.2 Conditions for safe storage, including and incompatibilities Storage conditions Keep container tightly closed in a dry and well-ventilated

		place. Electrical installations / working materials must comply with the technological safety standards.
	Storage Class	No further information.
7.3	Specific End Use(s)	

Risk management methods	No data available.
Other information	No data available.

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#### SECTION 8: Exposure controls/personal protection

8.1	Control parar <b>Workplace e</b>	neters xposure limits	Refer to below table.		
Comp	oonents	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
chlor isothi [EC n and 2 isothi	ure of: 5- o-2-methyl-4- iazolin-3-one o.247- 500-7] e-methyl-2H- iazol-3-one [EC 20-239-6]	55965-84-9	TWA	0,076 mg/m3	SUPLR EXP
chlor	er mation: 5- o-2-methyl- othiazolin-3-		STEL	0,23 mg/m3	SUPLR EXP
Furth inforr meth	er nation: 2- yl-2H- iazolin-3-one		TWA STEL	1,5 mg/m3 4,5 mg/m3	SUPLR EXP SUPLR EXP

8.2

Exposure conti	
Protective	Wear as appropriate:
equipment	Impervious clothing
	Safety shoes
	Choose body protection according to the amount and
	concentration of the dangerous substance at the work place.
	Wear resistant gloves (consult your safety equipment supplier).
	Discard gloves that show tears, pinholes, or signs of wear.
Appropriate	Provide sufficient mechanical (general and/or local
engineering	exhaust) ventilation to maintain exposure below
controls	exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.
Eye/Face	Not required under normal conditions of use. Wear
Protection	splash-proof safety goggles if material could be misted or splashed into eyes.
Hand	The suitability for a specific workplace should be
protection	discussed with the producers of the protective gloves.
Respiratory	No further information.
Protection	

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EnvironmentalNo further information.ExposureControls

SECTION 9: Physical and chemical properties

9.1

Information on basic physical and chemical properties				
Appearance	Liquid.			
Odour	Odourless			
Odour threshold	No data available.			
рН	ca. 3,2			
Melting/freezing point	< 0 °C			
Initial boiling point and boiling	> 100 °C			
range				
Flash point	Not applicable.			
Evaporation rate	No data available.			
Flammability (solid; gas)	No data available.			
Upper/lower flammability or	No data available.			
explosive limits				
Vapour pressure	No data available.			
Vapour density	No data available.			
Relative density	ca. 1,0 g/cm3.			
Solubility(ies)	Dispersible.			
Partition coefficient	No data available.			
Auto-ignition temperature	Not applicable.			
Decomposition temperature	No data available.			
Viscosity	< 100 mPa.s			
Explosive properties	No further information.			
Oxidising properties	No data available.			

9.2 Other information **Other information** 

No further information.

#### SECTION 10: Exposure controls/personal protection

10.1	Stability and Reactivity Stability and reactivity	No decomposition if stored and applied as directed.
10.2	Chemical Stability Chemical Stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	<u> </u>
	Possibility of hazardous reactions	Product will not undergo hazardous polymerization.
10.4	Conditions to avoid	
	Conditions to avoid	Extremes of temperature and direct sunlight.

10.5	Incompatible materials			
Incompatible materials		Oxidizing agents		
		Strong bases.		
10.6	Hazardous decomposition produc	cts		
	Hazardous decomposition	Aldehydes		
	products	Carbon monoxide		
		Carbon dioxide (CO2)		
		Carboxylic acids.		
CE OTI				
SECTI	ON 11: Toxicological information			
11 1	Information on tovical action office	-t-c		
11.1	Information on toxicological effect Acute toxicity	Not classified based on available information.		
	Acute toxicity			
		Product:		
		Acute oral toxicity: LD50 (Rat): Expected > 2.000 mg/kg		
		Acute dermal toxicity: LD50 (Rat): Expected > 2.000		
		mg/kg		
		Components:		
		1,2-benzisothiazol-3(2H)-one:		
		Acute oral toxicity: LD50 (Rat): 1.450 mg/kg		
		Acute dermal toxicity: LD50 (Rat): > 5.000 mg/kg		
		mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC		
		no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no.		
		220-239-6] (3:1);:		
		Acute oral toxicity:		
		LD50 (Rat): > 66 mg/kg		
		Acute inhalation toxicity:		
		LC 50 (Rat): 0,33 mg/l		
		Exposure time: 4 h		
		Test atmosphere: dust/mist		
		Remarks: Aerosol		
		Acute dermal toxicity:		
	Skin corrosion/irritation	LD50 (Rabbit): 141 mg/kg Not classified based on available information.		
	Skin corrosiony initiation			
		Product: Result: Not irritating to skin		
		Remarks: Based on a similar product formulation.		
		·····		
		Components:		
		1,2-benzisothiazol-3(2H)-one:		
		Result: Irritating to skin		
		Remarks: May cause skin irritation and/or dermatitis.		
		mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC		
		no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no.		
		220-239-6] (3:1);		

	Species: Rabbit		
	Result: Corrosive to skin.		
Serious eye damage/irritation	Not classified based on available information.		
	Result: Mildly irritating to eyes		
	Remarks: Based on a similar product formulation.		
	Unlikely to cause eye irritation or injury.		
	Components:		
	1,2-benzisothiazol-3(2H)-one:		
	Result: Corrosive to eyes		
	Remarks: May cause irreversible eye damage.		
	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC		
	no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no.		
	220-239-6] (3:1);		
	Species: Rabbit		
	Result: Corrosive to eyes.		
Skin sensitisation	Not classified based on available information.		
Respiratory sensitisation	Not classified based on available information.		
	Components:		
	1,2-benzisothiazol-3(2H)-one:		
	Result: May cause sensitisation by skin contact.		
	Remarks: May cause allergic skin reaction.		
	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1);: Result: Probability or evidence of high skin sensitisation rate in humans.		
Germ cell mutagenicity	Not classified based on available information.		
Carcinogenicity	Not classified based on available information.		
Reproductive toxicity	Not classified based on available information.		
Aspiration hazard	Not classified based on available information.		
Specific Target Organ Toxicity (Sir			
STOT - single exposure	Not classified based on available information.		
STOT - repeated exposure	Not classified based on available information.		
Information on likely routes of ex			
Inhalation	No further information.		
Skin contact	No further information.		
Eye contact	No further information.		
Ingestion	No further information.		
Symptoms related to the	The substance/mixture does not contain components		
physical, chemical and	considered to have endocrine disrupting properties		
toxicological characteristics	according to REACH Article 57(f) or Commission		
	Delegated regulation (EU) 2017/2100 or Commission		
	Regulation (EU) 2018/605 at levels of 0.1% or higher.		

Conforms to EU Regulation 1907/2006/EC as amended

SECTION 12: Ecological information

.2.1 Toxicity	
Toxicity	Product
	Toxicity to fish: LC50 (Fish): Expected > 100 mg/l
	Toxicity to daphnia and other aquatic invertebrates:
	EC50 (Aquatic invertebrates): Expected > 100 mg/l
	Toxicity to microorganisms: EC10 (Bacteria): Expected > 100 mg/l
	Components:
	1,2-benzisothiazol-3(2H)-one:
	Toxicity to fish:
	LC50 (Pimephales promelas (fathead minnow)): 3,4 mg, Exposure time: 96 h
	LC50 (Oncorhynchus mykiss (rainbow trout)): 1,3 - 1,6
	mg/l
	Exposure time: 96 h
	Toxicity to daphnia and other aquatic invertebrates:
	LC 50 (Daphnia magna (Water flea)): 1,5 - 3,3 mg/l
	Exposure time: 48 h
	Toxicity to algae/aquatic plants
	EC50 (Algae, algal mat (Algae)): 0,15 mg/l
	Exposure time: 72 h
	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC
	no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC n
	220-239-6] (3:1);:
	Toxicity to fish:
	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,19 mg/
	Exposure time: 96 h LC50 (Lepomis macrochirus (Bluegill sunfish)): 0,28 mg/
	Exposure time: 96 h
	Toxicity to daphnia and other aquatic invertebrates:
	EC50 (Daphnia magna (Water flea)): 0,16 mg/l
	Exposure time: 48 h
	Toxicity to algae/aquatic plants
	ErC50 (Pseudokirchneriella subcapitata (green algae)):
	0,027 mg/l
	Exposure time: 72 h
	M-Factor (Acute aquatic toxicity): 100

		Toxicity to microorganisms: EC50 (activated sludge): 4,5 mg/l
		Test Type: Respiration inhibition
		M-Factor (Chronic aquatic toxicity): 100
12.2	Persistence and degradability	
	Persistence and degradability	Biodegradation: < 70 %
	с ,	Exposure time: 28 d
		Method: OECD Test Guideline 301D
		Remarks: Not readily biodegradable.
		Biochemical Oxygen Demand (BOD): Biochemical oxygen demand within 5 days ca. 25 g/l
		Incubation time: 5 d
		Chemical Oxygen Demand (COD): ca. 475 g/l
		BOD/COD: BOD/COD: 5,263 %
		Components:
		1,2-benzisothiazol-3(2H)-one:
		Biodegradability: Biodegradation: ca. 90 %
		Exposure time: 28 d
		Method: OECD Test Guideline 302B
		mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1);:
		Biodegradability: Biodegradation: 30 %
		Exposure time: 28 d
		Method: OECD Test Guideline 301B
		Remarks: Not readily biodegradable.
12.3	Bioaccumulative potential	
	<b>Bioaccumulative potential</b>	Remarks: The bioaccumulation potential cannot be
		determined.
		Components:
		1,2-benzisothiazol-3(2H)-one:
		Partition coefficient: n-octanol/water: log Pow: 0,4
		mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC
		no.247- 500-7] and 2-methyl-2H-isothiazol-3-one [EC no.
		220-239-6] (3:1);:
		Partition coefficient: noctanol/water:
		log Pow: <= 0,71 Method: OECD Test Guideline 117
		wiethou. DECD Test Guideline 117

	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assess	ment
12.5	Results of PBT and vPvB	Product
	assessment	Assessment:
	assessment	This substance/mixture contains no components
		considered to be either persistent, Bioaccumulative and
		toxic (PBT), or very persistent and very Bioaccumulative
		(vPvB) at levels of 0.1% or higher.
12.6	Other adverse effects	
	Other adverse effects	No data available.
		Components
		1,2-benzisothiazol-3(2H)-one:
		Additional ecological information:
		An environmental hazard cannot be excluded in the
		event of unprofessional handling or disposal.
SECT	ION 13: Disposal Conditions	
13.1	General Information	
	General Information	No further information
13.2	Disposal Methods	
	Disposal Methods	Product:
		Do not dispose of waste into sewer.
		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.
		Empty containers should be taken to an approved waste
		handling site for recycling or disposal.
		Do not re-use empty containers.
13.3	Waste Class	
	Waste Class	No further information.

Conforms to EU Regulation 1907/2006/EC as amended

#### SECTION 14: Transport Information

#### **General Information**

Generally for limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

Road transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Sea transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Air transport notes refer to the Dangerous Goods List for information on any Special Provisions A46.

14.1 UN Number

UN No. (ADR/RID) UN No. (IMDG) UN No. (IATA) UN No. (ADN)

14.2	UN proper shipping name
	UN Proper shipping name
	(ADR/RID)
	UN Proper Shipping Name
	(IMDG)
	UN Proper Shipping Name
	(IATA)
	UN Proper Shipping Name
	(ADN)

- 14.3 Transport Hazard Class(es) ADR/RID class ADR/RID classification code ADR/RID label IMDG class 4.1 ICAO class/division ADN class Transport labels
- 14.4 Packing Group ADR/RID Packing Group IMDG Packing Group IATA Packing Group ADN Packing Group
- 14.5 Environmental Hazards Environmentally hazardous substance/marine pollutant Other Environmental Hazards

Not dangerous goods.

Not classified.

Not classified.

Not classified.

Not classified.

NOT Classified

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14.6	Special Precautions for User
	<b>General Special Precautions</b>
	EmS
	ADR transport category
	Emergency Action Code
	Hazard Identification Number
	Tunnel Restriction Code

Not classified.		

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not classified.

#### SECTION 15: Regulatory information

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

National Regulations	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable.
	REACH - List of substances subject to authorisation (Annex XIV) : Not applicable.
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable.
	Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable.
	Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable.
	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.
EU Regulations	No further information.

15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa.

**Chemical Safety Assessment** 

No data available.

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#### SECTION 16: Other information

16.1	Hazard statements in full		
	H301	Toxic if swallowed.	
	H302	Harmful if swallowed.	
	H310	Fatal in contact with skin.	
	H314	Causes severe skin burns and eye damage.	
	H315	Causes skin irritation.	
	H317	May cause an allergic skin reaction.	
	H318	Causes serious eye damage.	
	H330	Fatal if inhaled.	
	H400	Very toxic to aquatic life.	
	H410	Very toxic to aquatic life with long lasting effects.	
	Acute Tox.	Acute toxicity	
	Aquatic Acute	Short-term (acute) aquatic hazard	
	Aquatic Chronic	Long-term (chronic) aquatic hazard	
	Eye Dam.	Serious eye damage	
	Skin Corr.	Skin corrosion	
	Skin Irrit.	Skin irritation	
	Skin Sens.	Skin sensitisation	
	SUPLR EXP	Supplier-recommended exposure guidelines	
	SUPLR EXP / STEL	Short term exposure limit	
	SUPLR EXP / TWA	Time weighted average	
		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; 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 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	

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

#### 16.2 Disclaimer

The information presented herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.

#### 16.3 Revisions

Please note the revision information on page 1 of this document, indicating the last revision date of this data, the revision number and the date this revision supersedes

#### 16.4 References Suppliers and manufacturers safety data sheets

16.5 Abbreviations and acronyms **Please contact us, in advance of need, should you require clarification of common abbreviations or acronyms used in this safety data sheet** 

#### END OF SAFETY DATA SHEET