

Version: 1.0	Revision Date 11.01.2017	Print Date 11.01.2017

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1	Product	identifier

1.4

Trade name : ARDROX 8901W Aerosol

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

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

Company	: CHEMETALL AUSTRALASIA PTY LTD 17 TURBO DRIVE 3153 BAYSWATER VIC
Contact person	: Customer Service
Telephone	: +61 3 9729 6253 BUSINESS HOURS
Telefax	: +61 3 9720 1711
Contact person product safety	Technical Manager
Telephone	: +61 3 9729 6253
E-mail address	: customer.service@chemetall.com
Emergency telephone number Emergency telephone number	: +61 3 9720 0370 AFTER HOURS

#### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification Flammable aerosols	: Category 1
Serious eye damage/eye irri- tation	: Category 2A
Specific target organ toxicity - single exposure	: Category 3 (Central nervous system)
GHS label elements Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>H222 Extremely flammable aerosol.</li> <li>H229 Pressurised container: May burst if heated.</li> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> </ul>
Precautionary statements	: <b>Prevention:</b> P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.



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P211 Do not spray on an open flame or other igr	nition source
<ul> <li>P243 Take precautionary measures against stati</li> <li>P243 Take precautionary measures against stati</li> <li>P251 Do not pierce or burn, even after use.</li> <li>P260 Do not breathe dust/ fume/ gas/ mist/ vapo</li> <li>P262 Do not get in eyes, on skin, or on clothing.</li> <li>P271 Use only outdoors or in a well-ventilated at</li> <li>P280 Wear protective gloves/ protective clothing</li> <li>tion/ face protection.</li> <li><b>Response:</b></li> <li>P305 + P351 + P338 IF IN EYES: Rinse cautiou</li> <li>for several minutes. Remove contact lenses, if p</li> <li>easy to do. Continue rinsing.</li> <li>P308 + P313 IF exposed or concerned: Get mec</li> <li>attention.</li> <li><b>Storage:</b></li> <li>P410 + P412 Protect from sunlight. Do not expositures exceeding 50 °C/ 122 °F.</li> <li><b>Disposal:</b></li> <li>P501 Dispose of contents/ container to an approdisposal plant.</li> </ul>	tic discharge. ours/ spray. area. g/ eye protec- usly with water present and dical advice/ ose to tempera-

#### Other hazards which do not result in classification

The information required is contained in this Safety Data Sheet.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Acetone	67-64-1	>= 30 - < 60
Butane	106-97-8	>= 10 - < 30
titanium dioxide	13463-67-7	>= 10 - < 30
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	< 10

#### **SECTION 4. FIRST AID MEASURES**

General advice	<ul> <li>First Aid responders should pay attention to self-protection and use the recommended protective clothing Move out of dangerous area. Take off contaminated clothing and shoes immediately.</li> </ul>
Inhalation	: Move to fresh air. If symptoms persist, call a physician.
Skin contact	: Wash off with soap and plenty of water. If symptoms persist, call a physician.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids. Consult a physician.
Ingestion	: Rinse mouth with water.



Version: 1.0	Revision Date 11.01.2017	Print Date 11.01.2017
	Do NOT induce vomiting. Consult a physician.	
Most important symptoms and effects, both acute and delayed	: No information available.	
Notes to physician	: Treat symptomatically. For specialist advice physicians s Information Service.	hould contact the Poisons

#### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Carbon dioxide (CO2) Dry powder Alcohol-resistant foam Water spray
Unsuitable extinguishing media	: High volume water jet
Specific hazards during fire- fighting	: Heating or fire can release toxic gas. Carbon monoxide Carbon dioxide (CO2)
Specific extinguishing meth- ods	: Use water spray to cool unopened containers. Risk of bursting.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Wear personal protective equipment. For further information see Section 8 of the safety data sheet. For disposal considerations see section 13.
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
Methods and materials for containment and cleaning up	:	Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

#### SECTION 7. HANDLING AND STORAGE

Advice on protection against	:	Keep away from sources of ignition - No smoking. Take pre-
fire and explosion		cautionary measures against static discharges. Vapours may
		form explosive mixtures with air. Normal measures for preven-
		tive fire protection.



Version: 1.0	Revision Date 11.01.2017	Print Date 11.01.2017
Advice on safe handling	<ul> <li>Provide sufficient air exchange and/or exhaust in work rooms.</li> <li>Provide exhaust ventilation close to floor level.</li> <li>Have eye wash bottle or eye rinse ready at the work place.</li> <li>To avoid risks to man and the environment, comply with the instructions for use.</li> </ul>	
Hygiene measures	<ul> <li>Take off contaminated clothing and shoes immediately. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and immediately after handling th product. Avoid contact with skin and eyes. Do not breathe vapours, aerosols.</li> </ul>	
Conditions for safe storage	<ul> <li>Keep containers tightly closed in a oventilated place.</li> <li>Store in a place accessible by author To maintain product quality, do not light.</li> </ul>	orized persons only.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Acetone	67-64-1	TWA	500 ppm 1,185 mg/m3	AU OEL
		STEL	1,000 ppm 2,375 mg/m3	AU OEL
		TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
Butane	106-97-8	TWA	800 ppm 1,900 mg/m3	AU OEL
		STEL	1,000 ppm	ACGIH
titanium dioxide	13463-67-7	TWA	10 mg/m3	AU OEL
		ation: This value < 1% crystalline	is for inhalable dust silica	containing no
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	TWA (Inhal- able fraction and vapor)	10 ppm	ACGIH

#### Components with workplace control parameters

#### **Biological occupational exposure limits**

Components	CAS-No.	Control	Biological	Sam-	Permissible	Basis
		parameters	specimen	pling	concentra-	
				time	tion	
Acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI



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Engineering measures	:	Ensure adequate ventilation, especiall Electrical equipment should be protect standard. Use only explosion-proof equipment.	
Personal protective equipme	ent		
Respiratory protection	:	In case of insufficient ventilation, wear equipment according to AS/NZS 1715, Recommended Filter type: Type B	
Hand protection			
Material	:	Gloves: PVC, Nitrile, Neoprene or natu AS/NZS 2161.1	ural rubber according to
Remarks	:	Protective gloves complying with AS/N break through time can be obtained fro producer and this has to be observed. carded and replaced if there is any ind or chemical breakthrough.	om the protective glove Gloves should be dis-
Eye protection	:	Tightly fitting safety goggles or safety shields. Eye protection (AS 1336/1337)	glasses with side
Skin and body protection	:	Chemical resistant protective clothing AS3765/2210	according to
Protective measures	:	Handle in accordance with good indus practice. Ensure that eye flushing systems and located close to the working place.	

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: opaque liquid
Colour	: white
Odour	: sweet
Boiling point/boiling range	: -25 °C
Flash point	: -50 °C Method: closed cup
Upper explosion limit	: Upper flammability limit ca. 9.5 %(V)
Lower explosion limit	: lower flammability limit ca. 1.8 %(V)
Density	: ca. 0.9 g/cm <sup>3</sup>
Solubility(ies) Water solubility	: partly soluble



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Version: 1.0
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#### Revision Date 11.01.2017 Print Date 11.01.2017

SE	SECTION 10. STABILITY AND REACTIVITY		
	Reactivity	:	No dangerous reaction known under conditions of normal use.
	Chemical stability	:	Stable under normal conditions.
	Possibility of hazardous reac- tions	:	Vapours may form explosive mixture with air. Pressurised container: May burst if heated.
	Conditions to avoid	:	Keep away from open flames, hot surfaces and sources of ignition. Strong sunlight for prolonged periods.
	Hazardous decomposition products	:	No decomposition if stored and applied as directed.

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity Product	: No data available				
Components:					
Acetone:					
Acute oral toxicity	: LD50 (Rat): 5,800 mg/kg Method: OECD Test Guideline 401				
Acute inhalation toxicity	: LC50 (Rat): ca. 76 mg/l Exposure time: 4 h				
Acute dermal toxicity	: LD50 (Rabbit): > 158,000 mg/kg				
titanium dioxide:					
Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 425				
Acute inhalation toxicity	: LC50 (Rat): > 6.8 mg/l Exposure time: 4 h				
	distingtions, where the subscription of the sub-				
Acute oral toxicity	diethylene glycol monobutyl ether: : LD50 (Rat): 3,384 mg/kg				
Acute dermal toxicity	: LD50 (Rabbit): 2,700 mg/kg				
Skin corrosion/irritation					
Product	: No data available				
Serious eye damage/eye irritation					
Product	: No data available				



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Respiratory or skin sensitisation         Product:         Remarks: No data available         Chronic toxicity         Gern cell mutagenicity         Product       i No data available         Components:         Acetone:         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 471 Result: negative         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 476 Result: negative         Genotoxicity in vitro       : Test Type: in vivo assay Species: Mouse Application Route: Oral Result: negative         Product       : No data available         Errorpototive toxicity       : No data available         StoT - repeated exposure Product       : No data available         Repeated dose toxicity       : No data available         Species: Rat NOALE:: 3500 Application Route: Crai Exposure time: 90 d       : No data available         Aspiration toxicity       : No data available         Product       : No data available	sion: 1.0	Revision Date 11.01.2017	Print Date 11.01.2017
Remarks: No data available         Chronic toxicity         Gern cell mutagenicity         Product       : No data available         Components::         Acetone:         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 471 Result: negative         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 476 Result: negative         Genotoxicity in vitro       : Test Type: in vivo assay Sciecies: Mouse Application Route: Oral Result: negative         Genotoxicity in vitro       : Test Type: in vivo assay Sciecies: Mouse Application Route: Oral Result: negative         Product       : No data available         Reproductive toxicity Product       : No data available         STOT - single exposure Product       : No data available         STOT - repeated exposure Product       : No data available         STOT - repeated exposure Product       : No data available         Stott: sto0 Application Route: Oral Species: Rat NOAE: 3500 Application Route: Oral Exposure time: 90 d       : No data available	Respiratory or skin sensitis	ation	
Germ cell mutagenicity Product: No data availableComponents: Acetone: Genotoxicity in vitro: Test Type: Ames test Method: OECD Test Guideline 471 Result: negativeGenotoxicity in vitro: Test Type: Ames test Method: OECD Test Guideline 476 Result: negativeGenotoxicity in vivo: Test Type: in vivo assay Species: Nouse Application Route: Oral Result: negativeGenotoxicity in vivo: Test Type: in vivo assay Species: Nouse Application Route: Oral Result: negativeMethod: OECD Test Guideline 476 Result: negativeStore of the species: Rate NOAEL: 3500 Application Route: Oral Exposure time: 90 dSpecies: Rate NOAEL: 3500 Application Route: Oral Species: Rate NOAEL: 3500Application toxicity			
Product       : No data available         Components:       Acetone:         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 471 Result: negative         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 476 Result: negative         Genotoxicity in vivo       : Test Type: in vivo assay Species: Mouse Application Route: Oral Result: negative         Product       : No data available         Reproductive toxicity Product       : No data available         STOT - single exposure Product       : No data available         STOT - repeated exposure Product       : No data available         Repeated dose toxicity       : No data available         NOAEL: 3500 Application Route: Oral Exposure time: 90 d       : No data available         Application Route: Oral Exposure time: 90 d       : No data available	Chronic toxicity		
Acetone:       Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 471 Result: negative         Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 476 Result: negative         Genotoxicity in vivo       : Test Type: in vivo assay Species: Mouse Application Route: Oral Result: negative         Carcinogenicity Product       : No data available         Reproductive toxicity Product       : No data available         STOT - single exposure Product       : No data available         STOT - repeated exposure Product       : No data available         Repeated dose toxicity Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d       : No data available		: No data available	
Genotoxicity in vitro       : Test Type: Ames test Method: OECD Test Guideline 471 Result: negative         Genotoxicity in vivo       : Test Type: Ames test Method: OECD Test Guideline 476 Result: negative         Genotoxicity in vivo       : Test Type: in vivo assay Species: Mouse Application Route: Oral Result: negative         Carcinogenicity Product       : No data available         Reproductive toxicity Product       : No data available         STOT - single exposure Product       : No data available         STOT - repeated exposure Product       : No data available         Repeated dose toxicity Components: titanium dioxide: Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d       : No data available         Aspiration toxicity       : No data available	Components:		
Method: OECD Test Guideline 476         Result: negative         Genotoxicity in vivo       : Test Type: in vivo assay         Species: Mouse         Application Route: Oral         Result: negative         Carcinogenicity         Product       : No data available         Reproductive toxicity         Product       : No data available         STOT - single exposure         Product       : No data available         STOT - repeated exposure         Product       : No data available         STOT - repeated exposure         Product       : No data available         Stott - repeated exposure         Product       : No data available         Stott - repeated exposure         Product       : No data available         Repeated dose toxicity         Components:         VOAEL: 3500         Application Route: Oral         Exposure time: 90 d         Aspiration toxicity		Method: OECD Test Guideline 471	
Species: Mouse   Application Route: Oral   Result: negative     Carcinogenicity   Product : No data available   Reproductive toxicity   Product : No data available   STOT - single exposure   Product : No data available   STOT - repeated exposure   Product : No data available   STOT - repeated exposure   Product : No data available   Stot - repeated exposure   Product : No data available   Repeated dose toxicity   Components:   titanium dioxide:   Species: Rat   NOALL: 3500   Application Route: Oral   Exposure time: 90 d		Method: OECD Test Guideline 476	
Product : No data available   Reproductive toxicity   Product   Product   : No data available   STOT - single exposure   Product   : No data available   STOT - repeated exposure   Product   : No data available   Repeated dose toxicity Components: titanium dioxide: Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d Aspiration toxicity	Genotoxicity in vivo	Species: Mouse Application Route: Oral	
Reproductive toxicityYoo data availableProductYoo data availableSTOT - single exposureYoo data availableProductYoo data availableSTOT - repeated exposureYoo data availableProductYoo data availableRepeated dose toxicityYoo data availableComponents:Yoo data availabletitanium dioxide:Species: RatNOAEL: 3500Application Route: OralAspiration toxicityYoo data available	Carcinogenicity		
Product: No data availableSTOT - single exposure: No data availableProduct: No data availableSTOT - repeated exposure: No data availableProduct: No data availableRepeated dose toxicity: Species: Rat NOAEL: 3500Components: titanium dioxide: Species: Rat 	Product	: No data available	
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STOT - repeated exposure   Product : No data available   Repeated dose toxicity   Components:   titanium dioxide:   Species: Rat   NOAEL: 3500   Application Route: Oral   Exposure time: 90 d   Aspiration toxicity	STOT - single exposure		
Product : No data available  Repeated dose toxicity  Components: titanium dioxide: Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d  Aspiration toxicity	Product	: No data available	
Repeated dose toxicity         Components:         titanium dioxide:         Species: Rat         NOAEL: 3500         Application Route: Oral         Exposure time: 90 d         Aspiration toxicity	STOT - repeated exposure		
Components: titanium dioxide: Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d Aspiration toxicity	Product	: No data available	
titanium dioxide: Species: Rat NOAEL: 3500 Application Route: Oral Exposure time: 90 d Aspiration toxicity	Repeated dose toxicity		
	<b>titanium dioxide:</b> Species: Rat NOAEL: 3500 Application Route: Oral		
Product : No data available	Aspiration toxicity		
	Product	: No data available	



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ersion: 1.0	Revision Date 11.01.2017 Print Date 11.01.2017
ECTION 12. ECOLOGICAL INFO	DRMATION
Ecotoxicity	
Components:	
Acetone: Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 5,540 mg/l Exposure time: 96 h Test Type: static test
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 8,800 mg/l Exposure time: 48 h Test Type: static test
	NOEC (Daphnia magna (Water flea)): 2,212 mg/l Exposure time: 28 d Test Type: flow-through test
Toxicity to algae	: NOEC (Algae): 430 mg/l Exposure time: 96 h Test Type: static test
	NOEC (Microcystis aeruginosa (blue-green algae)): 530 mg/l Exposure time: 8 d Test Type: static test
Toxicity to bacteria	: (activated sludge): Exposure time: 30 min Test Type: Respiration inhibition
titanium dioxide: Toxicity to fish	<ul> <li>LC50 (Oncorhynchus mykiss (rainbow trout)): &gt; 100 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203</li> </ul>
	LC50 (Pimephales promelas (Fathead minnow)): > 1,000 mg/l Exposure time: 96 h Test Type: static test
	LC50 (Cyprinodon variegatus (sheepshead minnow)): > 10,000 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	<ul> <li>LC50 (Daphnia magna (Water flea)): &gt; 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202</li> </ul>
Toxicity to algae	: EC50 (Pseudokirchneriella subcapitata (green algae)): 16 mg/l Exposure time: 72 h Test Type: static test

EC50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l



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sion: 1.0		Revision Date 11.01.2017	Print Date 11.01.20
		Exposure time: 72 h Method: ISO 10253	
<b>2-(2-Butoxyethoxy)ethanol;</b> Toxicity to fish		thylene glycol monobutyl ether: LC50 (Leuciscus idus (Golden orf Exposure time: 48 h Method: DIN 38412	ie)): 2,750 mg/l
		LC50 (Lepomis macrochirus (Blue Exposure time: 96 h	egill sunfish)): 1,300 mg/l
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 2,85 Exposure time: 48 h	50 mg/l
Toxicity to algae	:	NOEC (Desmodesmus subspicat Exposure time: 96 h Method: OECD Test Guideline 20	
Persistence and degradabili	ty		
Product:			
Biodegradability	:	Remarks: No data available	
Bioaccumulative potential			
Product:			
Bioaccumulation	:	Remarks: Bioaccumulation is unli	kely.
Mobility in soil			
Product:			
Distribution among environ- mental compartments	:	Remarks: No data available	
Components:			
titanium dioxide:		Madium: Sail	
Distribution among environ- mental compartments	:	Medium: Soil Remarks: immobile	
Other adverse effects			
No data available			

Disposal methods	
Waste from residues	: In accordance with local and national regulations.
Packaging	: Dispose of as unused product.



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Version: 1.0

Print Date 11.01.2017

#### **SECTION 14. TRANSPORT INFORMATION**

#### **International Regulation**

#### **IATA-DGR** UN/ID No. : UN 1950 Proper shipping name : Aerosols, flammable (Butane) Class : 2.1 Packing group Not assigned by regulation 1 : Flammable gas Labels Packing instruction (cargo : 203 aircraft) Packing instruction (passen-: 203 ger aircraft) IMDG-Code UN number : UN 1950 Proper shipping name AEROSOLS (Butane) Class ÷ 2.1 Packing group : Not assigned by regulation Labels 2.1 2 : F-D, S-U EmS Code Marine pollutant : no : Shaded from sources of heat., "IMDG-Code segregation Remarks group not applicable"., Protected from sources of heat., For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living guarters., For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

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

Not applicable for product as supplied.

#### **National Regulations**

#### SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mix-ture

The product is classified and labelled in accordance with EC directives or respective national laws.

Regional or national implementations of GHS may not implement all hazard classes and categories.



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Version: 1.0

Revision Date 11.01.2017

Print Date 11.01.2017

Standard for the Uniform : Scheduling of Medicines and Poisons None allocated

#### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC -No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate: NOM - Official Mexican Norm; NTP - National Toxicology Program: 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS -Workplace Hazardous Materials Information System

#### **Further information**

Other information	:	The information provided is based on our current knowledge and experience and apply to the product as delivered. Re- garding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.
Date format	:	dd.mm.yyyy

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