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Vers 4.2	sion	Revision Date: 18.03.2025		S Number: 000000017	Date of last issue: 20.07.2023 Date of first issue: 03.02.2017
SEC	TION 1 Product	: IDENTIFICATION t name	:	CAROAT®	
	Manufa Compa	acturer or supplier's d ny	letai :	Is United Initiators F	Pty Ltd
	Addres	S	:	20-22 McPherson Banksmeadow N	n Street SW 2019 Australia
	Emerge	ency telephone number	· :	+49 89 744220 (2	24 hours specialist advise)
	E-mail a	address	:	cs-initiators.au@	united-in.com
		mended use of the ch mended use	nemi :	ical and restrictic Oxidizing agents	ons on use

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Acute toxicity (Oral)	:	Category 4
Skin corrosion/irritation	:	Sub-category 1B
Serious eye damage/eye irri- tation	:	Category 1
Short-term (acute) aquatic hazard	:	Category 2
Long-term (chronic) aquatic hazard	:	Category 3
GHS label elements Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H401 Toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects
Precautionary statements	:	Prevention:

long lasting effects.

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		P270 Do not e P273 Avoid re P280 Wear pro	reathe dust. in thoroughly after handling. at, drink or smoke when using this product. lease to the environment. otective gloves/ protective clothing/ eye protec- ection/ hearing protection.	
		CENTER/ doc P301 + P330 - induce vomitin P303 + P361 - ly all contamin P304 + P340 - and keep com POISON CEN P305 + P351 - water for seve	ction/ hearing protection. P330 IF SWALLOWED: Call a POISON or if you feel unwell. Rinse mouth. P331 IF SWALLOWED: Rinse mouth. Do NOT g. P353 IF ON SKIN (or hair): Take off immediated ted clothing. Rinse skin with water. P310 IF INHALED: Remove person to fresh air ortable for breathing. Immediately call a 'ER/ doctor. P338 + P310 IF IN EYES: Rinse cautiously wit al minutes. Remove contact lenses, if present Continue rinsing. Immediately call a POISON	
		Storage: P405 Store I		
		Disposal: P501 Dispose disposal plant.	of contents/ container to an approved waste	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

:

Substance / Mixture : Mixture

Chemical nature : crystalline Solid

Components

Chemical name	CAS-No.	Concentration (% w/w)
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	< 100
Dipotassium peroxodisulphate	7727-21-1	< 3
magnesium carbonate	546-93-0	< 2

SECTION 4. FIRST AID MEASURES

General advice

Take off contaminated clothing and shoes immediately. Call a physician immediately.

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lf in	haled	If unconsciou advice. Move out of c Show this saf Do not leave Symptoms of Administer ox served. If breathed in If not breathir Respiratory tr If unconsciou advice.	hything by mouth to an unconscious person. s, place in recovery position and seek medical langerous area. ety data sheet to the doctor in attendance. the victim unattended. poisoning may appear several hours later. tygen if breathing is difficult or cyanosis is ob- , move person into fresh air. ng, give artificial respiration. act burning possible if aerosols are inhaled. s, place in recovery position and seek medical persist, call a physician.
In c	ase of skin contact	Immediate m wounds from ty. In case of cor for at least 15 and shoes. Wash contam If on skin, rins	bersist, call a physician. edical treatment is necessary as untreated corrosion of the skin heal slowly and with difficul- ntact, immediately flush skin with plenty of water is minutes while removing contaminated clothing ninated clothing before re-use. se well with water. remove clothes.
In c	ase of eye contact	sue damage a In the case of of water and a Continue rins Remove cont Protect unhar Keep eye wid	
lf sv	wallowed	Rinse mouth Keep respirat Do NOT indu	an immediately. thoroughly with water. ory tract clear. ce vomiting. persist, call a physician.
and	st important symptoms I effects, both acute and ayed	: Harmful if swa Causes serio Causes seve	us eye damage.
Pro	tection of first-aiders		onders should pay attention to self-protection ecommended protective clothing
Not	es to physician	: Treat sympto	matically and supportively.

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray jet Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Hazardous decomposition products may be formed under fire conditions (see section 10).
		Do not allow run-off from fire fighting to enter drains or water courses.
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
		Do not use a solid water stream as it may scatter and spread fire. Remove undamaged containers from fire area if it is safe to do so. Use water spray to cool unopened containers.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary. Use personal protective equipment.
Hazchem Code	:	2X

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Follow safe handling advice and personal protective equip- ment recommendations. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Treat recovered material as described in the section "Disposal
		Treat recovered material as described in the section "Disposal

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Er	vironmental precautions	:	Prevent further lea	rom entering drains. akage or spillage if safe to do so. taminates rivers and lakes or drains inform ties.
	ethods and materials for ntainment and cleaning up	:	al, use plenty of w Soak up with inert Local or national r posal of this mate employed in the c	and all objects contaminated by this materi-
SECTIO	ON 7. HANDLING AND ST	OR	AGE	
Τe	chnical measures	:		measures under EXPOSURE SONAL PROTECTION section.
	lvice on protection against e and explosion	:	Avoid dust format Provide appropria is formed.	ion. te exhaust ventilation at places where dust
Ac	lvice on safe handling	:	Do not swallow. Do not breathe va Avoid contact with Provide sufficient	skin and eyes. air exchange and/or exhaust in work rooms. and drinking should be prohibited in the ap-

Wash thoroughly after handling. For personal protection see section 8.

Hygiene measures	: Avoid contact with skin, eyes and clothing. Keep away from food and drink.
	When using do not eat or drink.
	When using do not smoke.
	Wash hands before breaks and immediately after handling the product.

Conditions for safe storage	:	Keep in a dry place. Observe label precautions. Store in accordance with the particular national regulations. Electrical installations / working materials must comply with the technological safety standards. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Materials to avoid	:	Never allow product to get in contact with water during stor-

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			age. Keep away from s other reducing su	strong acids, bases, heavy metal salts and bstances.
	Recommended storage tem- perature Further information on stor- age stability		< 30 °C	
			For quality reasor	ns
			No decompositior	n if stored normally.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis	
Dipotassium peroxodisulphate	7727-21-1	Peak limit	0.1 mg/m3	AU OEL	
	Further information: Sensitiser				
		TWA	0.1 mg/m3 (Persulphate)	ACGIH	
magnesium carbonate	546-93-0	TWA	10 mg/m3	AU OEL	

Engineering measures : Minimize workplace exposure concentrations.

Personal protective equipn	nent	
Respiratory protection	:	In the case of dust or aerosol formation use respirator with an approved filter.
Filter type	:	Filter type P
Hand protection Material Break through time Glove thickness Material Break through time Glove thickness	: : : : : : : : : : : : : : : : : : : :	Nitrile rubber 480 min 0.40 mm butyl-rubber 480 min 0.47 mm
Remarks	:	The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protec- tive glove. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazard- ous substance and specific to place of work. For special ap- plications, we recommend clarifying the resistance to chemi- cals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of

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		workday.	
Eye protection		to the works Please follow selecting pro Always wear eye contact Tightly fitting Please wear	eyewash stations and safety showers are close tation location. w all applicable local/national requirements when otective measures for a specific workplace. r eye protection when the potential for inadvertent with the product cannot be excluded. safety goggles suitable protective goggles. Also wear face pro- re is a splash hazard.
Skin	Skin and body protection		ppriate protective clothing based on chemical ata and an assessment of the local exposure ody garments should be used based upon the erformed (e.g., sleevelets, apron, gauntlets, dis- s) to avoid exposed skin surfaces. oropriate: dant antistatic protective clothing.
Prote	ective measures	to the conce	protective equipment must be selected according ntration and amount of the dangerous substance ic workplace.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Crystalline solid
Colour	:	white
Odour	:	odourless
Odour Threshold	:	not determined
рН	:	2.3 Concentration: 10 g/l
Melting point/ range	:	Decomposition: Decomposes below the melting point.
Boiling point/boiling range	:	not determined
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	does not ignite

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	Self-ign	lition	:	The substance or	r mixture is not classified as pyrophoric.
		explosion limit / Upper bility limit	:	Upper explosion No data available	
		explosion limit / Lower bility limit	:	Lower explosion No data available	
	Vapour	pressure	:	< 0.001 hPa (25 °	°C)
	Relative	e vapour density	:	not determined	
	Relative	e density	:	not determined	
	Density	,	:	ca. 2.35 g/cm3 (2	20 °C)
	Bulk de	nsity	:	ca. 1,100 kg/m3	
	Solubili Wat	ty(ies) er solubility	:	ca. 300 g/l solubl	e (20 °C)
	Partition octanol	n coefficient: n- /water	:	Not applicable	
	Auto-ig	nition temperature	:	not determined	
		celerating decomposi- perature (SADT)	:	temperature at w	H.4 erating Decomposition Temperature. Lowest hich the tested package size will undergo a decomposition reaction.
	Viscosi Visc	ty osity, dynamic	:	Not applicable	
		osity, kinematic		Not applicable	
		ve properties		Not explosive	
		ng properties			
		ating substances		No oxidising effect. The substance or mixture is not classified as self heating.	
		-	•	The substance of	mixture is not classified as sell fleating.
	Particle	characteristics size	:	not determined	
	Particle	Size Distribution	:		on: volume distribution chnique: laser diffraction

SECTION 10. STABILITY AND REACTIVITY

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	Reactiv	ity		Stable under reco	ommended storage conditions.
		al stability	:	Stable under reco	ommended storage conditions.
	Possibi	lity of hazardous reac-	:		n if stored normally. nts of moisture or impurities can noticably
	tions				ccelerating decomposition temperature
	Conditions to avoid		:	Protect from cont Protect from mois	
			Accelerators, strong acids and bases, heavy metals and heavy metal salts, reducing agents Avoid impurities (e.g. rust, dust, ash), risk of decomposition		
	Hazard product	ous decomposition s	:		ammable, noxious/toxic gases and vapours e case of fire and decomposition

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity Harmful if swallowed.	
Product:	
Acute oral toxicity	: LD50 (Rat): 500 mg/kg Method: OECD Test Guideline 423
Acute inhalation toxicity	 LC0 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhala- tion toxicity Remarks: Expert judgement
Acute dermal toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 402
Components:	
pentapotassium bis(perox	/monosulphate) bis(sulphate):
Acute oral toxicity	: LD50 (Rat): 500 mg/kg Method: OECD Test Guideline 423
Acute inhalation toxicity	 LC0 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhala-

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			n toxicity marks: Expe	ert judgement	
Acute	dermal toxicity			5,000 mg/kg D Test Guideline 402	
Dipota	assium peroxodisul	phate:			
Acute	oral toxicity	Me As	thod: OECE	ile): 742 mg/kg D Test Guideline 401 The component/mixture is moderately toxic aften n.	
Acute	inhalation toxicity	Ex Te Me As tio	ethod: OÉCE sessment: T n toxicity		
Acute	dermal toxicity	As to>	sessment: T	2,000 mg/kg The substance or mixture has no acute dermal ert judgement	
-	esium carbonate: oral toxicity	Me As icit	ethod: OECE sessment: T sy	2,000 mg/kg) Test Guideline 420 The substance or mixture has no acute oral to nortality observed at this dose.	
	corrosion/irritation				
Produ					
Specie Metho Result	es od	: OE	ibbit ECD Test Gu iuses burns.		
Rema	rks	: Ex	Extremely corrosive and destructive to tissue.		
Comp	oonents:				
penta	potassium bis(pero	xymonos	ulphate) bis	s(sulphate):	
Specie		-	ıbbit		
Metho	od		ECD Test Gu		
Result			uses burns.		

Dipotassium peroxodisulphate:

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Spec Meth Resu	od	: Rabbit : OECD Test Gu : Skin irritation	ideline 404
	ous eye damage/eye		
	es serious eye damag	je.	
Prod		Data	
Spec Resu		: Rabbit	damage to eyes.
Meth		: OECD Test Gu	
Rema	arks	: May cause irre	versible eye damage.
<u>Com</u>	ponents:		
penta	apotassium bis(pero	xymonosulphate) bis	(sulphate):
Spec	ies	: Rabbit	
Resu			damage to eyes.
Meth	od	: OECD Test Gu	lideline 405
Dipo	tassium peroxodisul	phate:	
Spec	ies	: Rabbit	
Resu		: Eye irritation	
Meth	od	: OECD Test Gu	ideline 405
Resp	iratory or skin sensi	tisation	
Skin	sensitisation		
Base	d on available data, th	e classification criteria	are not met.
Resp	iratory sensitisation		
-	-	e classification criteria	are not met.
Prod			
	sure routes	: Skin contact	
Spec		: Guinea pig	
Meth		: OECD Test Gu	ideline 406
Resu	lt	: Did not cause	sensitisation on laboratory animals.
		: Inhalation	
		: Expert judgem	
_			e respiratory sensitisation.
Rema	arks	: Expert judgem	ent
Test	Туре	: Local lymph no	de assay (LLNA)
		: Mouse	
		: OECD Test Gu	
			e skin sensitisation.
GLP Rema	arks	: Yes	en is based on tests on the mixture itself.
IZEIII6		. mornation giv	

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Asse	ssment	: Did not cau	use sensitisation on laboratory animals.
Com	ponents:		
penta	apotassium bis(pero	(ymonosulphate)	bis(sulphate):
	sure routes	: Skin conta	
Spec Meth		: Guinea pig	t Guideline 406
Resu			use sensitisation on laboratory animals.
Test ⁻ Spec		: Local lymp : Mouse	h node assay (LLNA)
Meth			t Guideline 442B
Resu			use sensitisation on laboratory animals.
Dipo	tassium peroxodisul	ohate:	
	sure routes	: Skin conta	
Spec		: Guinea pig	
Meth Resu			t Guideline 406 sensitisation by skin contact.
itesu	n	. May cause	sensusation by skin contact.
Expo	sure routes		(dust/mist/fume)
Resu			sensitisation by inhalation.
Rema	arks	: Expert judo	gement
Chro	nic toxicity		
	n cell mutagenicity lassified due to lack o	data	
		uala.	
Prod		Matha di O	
Geno	toxicity in vitro	Result: pos	ECD Test Guideline 473 sitive
		Method: O Result: pos	ECD Test Guideline 476 sitive
		Method: O Result: neg	ECD Test Guideline 471 gative
Geno	otoxicity in vivo		In vivo micronucleus test
			louse (male and female)
			Route: Oral
		Result: neg	ECD Test Guideline 474 gative
		Test Test	In vivo mommolien elkeline som starse
		Species: R	In vivo mammalian alkaline comet assay at (male)
			Route: Oral
			ECD Test Guideline 489

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		Populti pogotiv	
		Result: negative	e
<u>Comp</u>	oonents:		
		xymonosulphate) bis	
Geno	toxicity in vitro		ation: with and without metabolic activation Test Guideline 471
			tro mammalian cell gene mutation test Test Guideline 476 cal
			omosome aberration test in vitro Test Guideline 473
			tro mammalian cell gene mutation test Test Guideline 490 e
Geno	toxicity in vivo	Species: Mouse Application Rou	Test Guideline 474
		Species: Rat (n Application Rou	ute: Oral Test Guideline 489
Dipot	assium peroxodisul	phate:	
Geno	toxicity in vitro	Result: negative	terial reverse mutation assay (AMES) e d on data from similar materials
Geno	toxicity in vivo	cytogenetic ass Species: Mouse Application Rou Result: negative	e ite: Intraperitoneal injection
Carci	nogenicity		
	lassified due to lack of	f data.	
<u>Produ</u> Rema		: This information	n is not available.

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Components:

pentapotassium bis(peroxymonosulphate) bis(sulphate):

Remarks

: This information is not available.

Dipotassium peroxodisulphate:

Species	:	Mouse
Application Route	:	Skin contact
Exposure time	:	52 weeks
Method	:	OECD Test Guideline 451
Result	:	negative

Reproductive toxicity

Not classified due to lack of data.

Product:

Components:

pentapotassium bis(peroxymonosulphate) bis(sulphate):

Dipotassium peroxodisulphate:

Effects on fertility	:	Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421 Result: negative
Effects on foetal develop- ment	:	Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421

Result: negative

STOT - single exposure

Based on available data, the classification criteria are not met.

Product:

Assessment

: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Components:

Dipotassium peroxodisulphate:

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified due to lack of data.

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Repeated dose toxicity

Product:		
Species LOAEL Application Route Exposure time Method Remarks	:	Rat, male and female > 1,000 mg/kg Oral 28 d OECD Test Guideline 407 Subacute toxicity
Species LOAEL Application Route Exposure time Method Remarks		Rat, male and female 600 mg/kg Oral 90 d OECD Test Guideline 408 Subchronic toxicity

Components:

pentapotassium bis(peroxymonosulphate) bis(sulphate):

Species LOAEL Application Route Exposure time Method Remarks	 Rat, male and female > 1,000 mg/kg Oral 28 d OECD Test Guideline 407 Subacute toxicity
Species LOAEL Application Route Exposure time Method Remarks	 Rat, male and female 600 mg/kg Oral 90 d OECD Test Guideline 408 Subchronic toxicity

Dipotassium peroxodisulphate:

Species	:	Rat
NOAEL	:	1,000 mg/kg
LOAEL	:	3,000 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 d
Method	:	OECD Test Guideline 408

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks

: No data available

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Product:		
Toxicity to fish	:	NOEC (Oncorhynchus mykiss (rainbow trout)): 0.5 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 3.5 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to fish (Chronic tox- icity)	:	NOEC: 0.5 mg/l Exposure time: 37 d
Toxicity to microorganisms	:	EC50 (Bacteria): 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Ecotoxicology Assessment		
•••	:	Harmful to aquatic life with long lasting effects.
Components:		
pentapotassium bis(peroxyr	no	nosulphate) bis(sulphate):
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 53 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 3.5 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 1 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Pseudokirchneriella subcapitata (green algae)): 0.5 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

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	oxicology Assessment					
Acute	aquatic toxicity	:	Toxic to aquat	ic life.		
Chror	nic aquatic toxicity	:	: Harmful to aquatic life with long lasting effects.			
Dipot	assium peroxodisulph	ate	:			
Toxic	ity to fish	:	Exposure time Method: OEC	halmus maximus (turbot)): 107.6 mg/l :: 96 h D Test Guideline 203 ed on data from similar materials		
	ity to daphnia and other ic invertebrates	:	Exposure time	a magna (Water flea)): 120 mg/l :: 48 h ed on data from similar materials		
Toxic plants	ity to algae/aquatic	:	Exposure time Method: OEC	dactylum): 320 mg/l :: 72 h D Test Guideline 201 ed on data from similar materials		
			Exposure time Method: OEC	dactylum): 32 mg/l :: 72 h D Test Guideline 201 ed on data from similar materials		
Toxic	ity to microorganisms	:	Exposure time	omonas putida): 36 mg/l :: 18 h ed on data from similar materials		
Persi	stence and degradabili	ity				
<u>Produ</u>	uct:					
Biode	gradability	:	Remarks: The methods for determining the biological de dability are not applicable to inorganic substances.			
<u>Comp</u>	oonents:					
penta	potassium bis(peroxy	mor	nosulphate) bi	s(sulphate):		
Biode	gradability	:		methods for determining the biological degr t applicable to inorganic substances.		
Dipot	assium peroxodisulph	ate	:			
Biode	gradability	:		methods for determining biodegradability at to inorganic substances.		
Bioad	cumulative potential					

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	ition coefficient: n- nol/water	: Remarks: No	t applicable
	bility in soil data available		
Oth	er adverse effects		
	<u>duct:</u>	A	
Add mat	itional ecological infor- ion	unprofession Toxic to aqua	ental hazard cannot be excluded in the event of al handling or disposal. tic life. Juatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 Dispose of wastes in an approved waste disposal facility. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi- cal or used container.
Contaminated packaging	 Dispose of in accordance with local regulations. Clean container with water. Dispose of contents/ container to an approved waste disposal plant. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number	:	UN 3260
Proper shipping name	:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Potassium Monopersulfate)
Class	:	8
Packing group	:	II
Labels	:	8
Environmentally hazardous	:	no
IATA-DGR		
UN/ID No.	:	UN 3260
Proper shipping name	:	Corrosive solid, acidic, inorganic, n.o.s. (Potassium Monopersulfate)
Class	:	8
Packing group	:	II

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Labe	ls	:	Corrosive	
Pack aircra	ing instruction (cargo	:	863	
Pack	ing instruction (passen-	:	859	
IMDO	G-Code			
UN n	number	:	UN 3260	
Prop	er shipping name	:	CORROSIVE SC (Potassium Mono	DLID, ACIDIC, INORGANIC, N.O.S.
Class	S	:	8	, ,
Pack	ing group	:	II	
Labe		:	8	
EmS	Code	:	F-A, S-B	
Marin	ne pollutant	:	no	
Tran	sport in bulk according	1 to		OL 73/78 and the IBC Code

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

Not applicable for product as supplied.

National Regulations

ADG		
UN number	:	UN 3260
Proper shipping name	:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Potassium Monopersulfate)
Class	:	8
Packing group	:	II
Labels	:	8
Hazchem Code	:	2X
Environmentally hazardous	:	no

Special precautions for user

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.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmen ture	ntal regulations/legislatio	on specific for the substance or mix-			
Therapeutic Goods (Poisons : Standard) Instrument	`	the original publication to check for onditions or threshold limits that might			
Prohibition/Licensing Requireme	ents	There is no applicable prohibition, authorisation and restricted use requirements, including for carcino- gens referred to in Schedule 10 of the model WHS Act and Regula- tions.			
The components of this product are reported in the following inventories:					

TCSI (TW) : On the inventory, or in compliance with the inventory

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TSC	4 (US)	:	All substances	listed as active on the TSCA inventory
AIIC	(AU)	:	All components tions/restriction	are listed on the inventory, regulatory obliga- s apply
DSL	(CA)	:	All components	of this product are on the Canadian DSL
ENC	S (JP)	:	On the inventor	ry, or in compliance with the inventory
ISHL	(JP)	:	On the inventor	y, or in compliance with the inventory
KECI	(KR)	:	On the inventor	y, or in compliance with the inventory
PICC	S (PH)	:	On the inventor	y, or in compliance with the inventory
IECS	C (CN)	:	On the inventor	y, or in compliance with the inventory
TECI	(TH)	:	On the inventor	ry, or in compliance with the inventory

SECTION 16: ANY OTHER RELEVANT INFORMATION

Further information

Revision Date	:	18.03.2025		
Other information	:	This safety datasheet only contains information relating to safety and does not replace any product information or prod- uct specification. These safety instructions also apply to empty packaging which may still contain product residues. The hazards on the label also apply to residues in the con- tainer.		
Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/		
Date format	:	dd.mm.yyyy		
Full text of other abbreviations				
ACGIH AU OEL	:	USA. ACGIH Threshold Limit Values (TLV) Australia. Workplace Exposure Standards for Airborne Con- taminants.		
ACGIH / TWA AU OEL / TWA AU OEL / Peak limit	: : :	8-hour, time-weighted average Exposure standard - time weighted average Exposure standard - peak		

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Version	Revision Date:	SDS Number:	Date of last issue: 20.07.2023
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AIIC - Australian Inventory of Industrial Chemicals; 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; 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; TECI - Thailand Existing Chemicals Inventory; 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

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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