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SECTION 1. IDENTIFICATION

Product identifier

Trade name

: BAEROPAN MC 90495 KA

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

Use of the Sub- stance/Mixture	:	Manufacture of plastics products Polymer additive Stabilizer
Recommended restrictions on use	:	None known.

Details of the supplier of the safety data sheet

Company	:	Baerlocher Production USA LLC 5890 Highland Ridge Drive Cincinnati, OH 45232
Telephone		Day 330-602-1528 or 330-602-1531 Night 513-207-1620 or 513-604-2327
E-mail address Responsible/issuing person	:	Hotline.PS@baerlocher.com Product Safety Department

Emergency telephone number (0 - 24 h)

Tel.: 800-424-9300 USA or 703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Skin irritation	:	Category 2
Serious eye damage	:	Category 1
Skin sensitization	:	Category 1
Combustible dust	:	May form combustible dust concentrations in air.
GHS label elements Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. May form combustible dust concentrations in air.

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Precautionary statements	 Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection.
	Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.
	Disposal: P501 Dispose of contents/ container to an approved waste dis- posal plant.
Other hazards Dust can form an explosive n	nixture in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Mixture
Chemical nature	:	Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Calcium hydroxide	1305-62-0	< 20*
Zinc compounds*	Trade Secret	< 25*
Dibenzoyl methane	120-46-7	< 10*

*Trade Secret - The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

If inhaled	:	Move to fresh air.
In case of skin contact	:	Wash off with soap and plenty of water.
In case of eye contact	:	Irrigate copiously with clean, fresh water for at least 10
		minutes, holding the eyelids apart.
		Call a physician immediately.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water.
		Do NOT induce vomiting.
		Call a physician immediately.
		Show this safety data sheet to the doctor in attendance.



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:	No information available.	
:	Treat symptomatically.	
		: No information available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam Carbon dioxide (CO2) Dry chemical Sand
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Smoke and fumes, toxic.
5 5	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Remove all sources of ignition. Avoid dust formation. Provide adequate ventilation. Avoid contact with skin and eyes. For personal protection see section 8.
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
Methods and materials for containment and cleaning up	:	Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Avoid formation and buildup of dust.
Conditions for safe storage	:	Store at room temperature in the original container. Keep in a dry place.



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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
Calcium hydroxide	1305-62-0	PEL	15 mg/m3 (total dust)	OSHA Z-1
		PEL	5 mg/m3 (Respirable frac- tion)	OSHA Z-1
		TWA	5 mg/m3	NIOSH REL
		air 8 h	5 mg/m3	ACGIH
Zinc compounds	Trade Secret	PEL	15 mg/m3 (total dust)	OSHA Z-1
		PEL	5 mg/m3 (Respirable frac- tion)	OSHA Z-1
		TWA	10 mg/m3 (total dust)	NIOSH REL
		TWA	5 mg/m3 (Respirable frac- tion)	NIOSH REL
		TWA	10 mg/m3 (Respirable dust)	ACGIH
		TWA	5 mg/m3 (Respirable frac- tion)	ACGIH
General limits for air contami- nants (PNOC)	Not Assigned	air 8 h (total dust)	15 mg/m3	OSHA Z-3
		air 8 h (Res- pirable frac- tion)	5 mg/m3	OSHA Z-3
		air 8 h (in- halable dust)	10 mg/m3	ACGIH
		air 8 h (Res- pirable frac- tion)	3 mg/m3	ACGIH
Calcium carbonate	1317-65-3	PEL	5 mg/m3 (Respirable frac- tion)	OSHA Z-1
		PEL	15 mg/m3 (total dust)	OSHA Z-1
		TWA	10 mg/m3 (total dust)	NIOSH REL
		TWA	5 mg/m3 (Respirable frac- tion)	NIOSH REL



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Engineering measures	: Local exhaust
Personal protective equip	ment
Respiratory protection	: In the case of dust or aerosol formation use respirator with an approved filter.
	Half mask with a particle filter P2 (EN 143)
Hand protection	
Remarks	: protective gloves acc. to EN 374, e.g. neoprene
Eye protection	: Safety glasses
Skin and body protection	: Long sleeved clothing
Protective measures	: antistatic shoes
Hygiene measures	: When using do not eat or drink.
	Do not smoke.
	Wash hands before breaks and at the end of workday.
	Shower or bathe at the end of working.

Keep working clothes separately.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Colour Odour Odour Threshold	:	powder off-white slight No data available
pH Melting point/range	:	No data available > 100 °C
Boiling point/boiling range Flash point	:	No data available >> 100 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Combustible Solids
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	No data available
Bulk density	:	No data available
Solubility(ies) Water solubility	:	partly soluble
Partition coefficient: n-	:	No data available

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octanol/water Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Stable at normal ambient temperature and pressure. No decomposition if stored normally. Risk of dust explosion. Aqueous dispersion reacts as an alkali.
Conditions to avoid	:	Avoid dust formation. Keep away from heat and sources of ignition.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No decomposition if used as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

TTOULOL.		
Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
<u>Components:</u>		
Calcium hydroxide:		
Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: standardised international/national methodology GLP: yes Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Remarks: Not classified due to lack of data.
Acute dermal toxicity	:	LD50 (Rabbit): > 2,500 mg/kg Method: OECD Test Guideline 402 Remarks: Based on available data, the classification criteria are not met.

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Zinc compounds:	
Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401
	Remarks: Read-across (Analogy)
	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 423 Remarks: Based on available data, the classification criter are not met.
Acute inhalation toxicity	: LC50 (Rat): > 200 mg/l Exposure time: 1 h Test atmosphere: dust/mist
	LC50 (Rat): > 50 mg/l Exposure time: 4 h Test atmosphere: dust/mist Remarks: Based on available data, the classification criter are not met.
Acute dermal toxicity	 LD50 (Rabbit): > 2,000 mg/kg Remarks: Based on available data, the classification criter are not met.
Dibenzoyl methane:	
Acute oral toxicity	 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 423 GLP: yes Remarks: Based on available data, the classification criter are not met.
Acute inhalation toxicity	: Remarks: study scientifically unjustified
Acute dermal toxicity	: LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 GLP: yes

Skin corrosion/irritation

Components:

Calcium hydroxide:

Species: Rabbit Method: OECD Test Guideline 404 Result: irritating GLP: yes

Zinc compounds:

Species: Rabbit Method: OECD Test Guideline 404 Result: not irritating

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

Dibenzoyl methane:

Species: in vitro assay Method: OECD Test Guideline 439 Result: not irritating GLP: yes Remarks: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Components:

Calcium hydroxide:

Species: Rabbit Result: Causes serious eye damage. Method: OECD Test Guideline 405 GLP: yes

Zinc compounds:

Species: Rabbit Result: not irritating Method: OECD Test Guideline 405 Remarks: Based on available data, the classification criteria are not met.

Dibenzoyl methane:

Species: Rabbit Result: not irritating Method: OECD Test Guideline 405 Remarks: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Components:

Calcium hydroxide:

Remarks: Skin sensitisation Not classified due to lack of data.

Remarks: Respiratory sensitisation Not classified due to lack of data.

Zinc compounds:

Remarks: Skin sensitisation Patch test on human volunteers did not demonstrate sensitisation properties. Based on available data, the classification criteria are not met.

Remarks: Respiratory sensitisation

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

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Dibenzoyl methane:

Remarks: Skin sensitisation

Test Type: LLNA Species: Mouse Method: OECD Test Guideline 429 Result: Sensitising GLP: yes

Remarks: Respiratory sensitisation

Remarks: Not classified due to lack of data.

Germ cell mutagenicity

Components:

Calcium hydroxide:

Galorann ny al Oxiao.		
Genotoxicity in vitro	:	Test Type: Genotoxicity in vitro Species: Bacteria Method: OECD Test Guideline 471 Result: negative GLP: yes
	:	Test Type: Chromosome aberration test in vitro Species: human cells Result: negative GLP: no Remarks: Based on available data, the classification criteria are not met.
Zinc compounds:		
Genotoxicity in vitro	:	Remarks: Read-across (Analogy)
	:	Method: standardised international/national methodology Result: negative Remarks: Based on available data, the classification criteria are not met.
Genotoxicity in vivo	:	Remarks: Read-across (Analogy)
		Method: standardised international/national methodology Result: negative Remarks: Based on available data, the classification criteria are not met.
Dibenzoyl methane:		
Genotoxicity in vitro	:	Test Type: Mutagenicity (Salmonella typhimurium - reverse mutation assay) Species: Bacteria Method: OECD Test Guideline 471 Result: negative

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GLP: yes

- : Test Type: In vitro gene mutation study in mammalian cells Species: mouse lymphoma cells Method: OECD Test Guideline 476 Result: positive GLP: yes
- : Test Type: Mutagenicity (in vitro mammalian cytogenetic test) Species: CHL Method: OECD Test Guideline 487 Result: positive GLP: yes Remarks: Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Remarks: This product contains no known or suspected carcinogens listed by IARC, NTP or OSHA at or above reportable quantities.

Components:

Calcium hydroxide:

Remarks: Read-across (Analogy)

Species: Rat Application Route: Oral Remarks: Based on available data, the classification criteria are not met.

Zinc compounds:

Remarks: Read-across (Analogy)

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

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Dibenzoyl methane:

Remarks: Not classified due to lack of data.

Reproductive toxicity

Components:

Calcium hydroxide: Effects on fertility

Remarks: Read-across (Analogy)

Species: Mouse Application Route: Oral

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	GLP: no Remarks: Based on available data, the classification crite are not met.
Effects on foetal develop- ment	 Remarks: Read-across (Analogy) Species: Rat Application Route: Oral Method: standardised international/national methodology GLP: no Remarks: Based on available data, the classification crite are not met. Remarks: Read-across (Analogy) Species: Mouse Application Route: Oral Method: standardised international/national methodology GLP: no Remarks: Based on available data, the classification crite are not met.
Zinc compounds:	
Effects on fertility	:
	Remarks: Read-across (Analogy)
	Remarks: Based on available data, the classification crite are not met.
Effects on foetal develop- ment	: Remarks: Read-across (Analogy) Remarks: Based on available data, the classification crite are not met.
Dibenzoyl methane: Effects on fertility	
	Remarks: Not classified due to lack of data.
Effects on foetal develop- ment	: Remarks: Not classified due to lack of data.
STOT - single exposure	
Components:	
Calcium hydroxide:	
Exposure routes: Inhalation Target Organs: Respiratory T	Fract

Zinc compounds:

Remarks: Read-across (Analogy)

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

Dibenzoyl methane: Remarks: Not classified due to lack of data.

Repeated dose toxicity

Components:

Zinc compounds: Remarks: Read-across (Analogy)

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

Dibenzoyl methane:

Remarks: Not classified due to lack of data.

Aspiration toxicity

Components:

Calcium hydroxide: Not classified due to lack of data.

Zinc compounds:

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

Dibenzoyl methane:

Not classified due to lack of data.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Calcium hydroxide:

Toxicity to fish

 LC50 (Oncorhynchus mykiss (rainbow trout)): 50.6 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: yes

LC50 (Marine species): 457 mg/l Exposure time: 96 h Test Type: static test Method: standardised international/national methodology



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Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 49.1 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 GLP: yes
	LC50 (Crangon septemspinosa): 158 mg/l Exposure time: 96 h Test Type: static test
Toxicity to algae	 EC50 (Pseudokirchneriella subcapitata (green algae)): 184.57 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes
	NOEC (Pseudokirchneriella subcapitata (green algae)): 48 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	 NOEC (Crangon septemspinosa): 32 mg/l Exposure time: 14 d Test Type: semi-static test Method: standardised international/national methodology
Toxicity to bacteria	 EC50 (activated sludge): 300.4 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 GLP: yes
Ecotoxicology Assessment	
Acute aquatic toxicity	: Based on available data, the classification criteria are not met.
Chronic aquatic toxicity	: Based on available data, the classification criteria are not met.
Zinc compounds:	
Toxicity to fish	 LC50 (Danio rerio (zebra fish)): > 10,000 mg/l Exposure time: 96 h Test Type: semi-static test Method: Directive 67/548/EEC, Annex V, C.1.
	Remarks: Read-across (Analogy)
	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,169 mg Zn/L Exposure time: 96 h Test Type: static test

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		Method: standardised international/national methodology
		Remarks: Read-across (Analogy)
		(Pimephales promelas (fathead minnow)): 0,330 - 0,780 mg Zn/L
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202
		Remarks: Read-across (Analogy)
		LC50 (Ceriodaphnia dubia (water flea)): 0.147 - > 0,53 mg Zn/l
Toxicity to algae	:	NOEC (Pseudokirchneriella subcapitata (green algae)): 19.3 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201
		EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h Test Type: semi-static test Method: OECD Test Guideline 201 GLP: yes Remarks: Value refered to the Water accumulated fraction (WAF).
		EC10 (Pseudokirchneriella subcapitata (green algae)): 3.31 mg/l Exposure time: 72 h Test Type: semi-static test Method: OECD Test Guideline 201 GLP: yes Remarks: Value refered to the Water accumulated fraction (WAF).
Toxicity to fish (Chronic tox-	:	Remarks: Read-across (Analogy)
icity)		NOEC: 0,044 - 0,530 mg Zn/L Test Type: Fresh water
		Remarks: Read-across (Analogy)
		NOEC: 0,025 mg Zn/L Test Type: Marine water
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	Remarks: Read-across (Analogy)

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		NOEC: 0,037 - 0,400 mg Zn/L Test Type: Fresh water	
		Remarks: Read-across (Analogy)	
		NOEC: 0,0056 - 0,9 mg Zn/L Test Type: Marine water	
Toxicity to bacteria	:	NOEC (Photobacterium phosphoreum): 1,560 mg/l Exposure time: 0.5 h Test Type: static test Method: DIN 38412 T 34 GLP:	
		GLP: Remarks: Read-across (Analogy)	
		EC50 (activated sludge): 5,2 mg Zn/l Exposure time: 3 h Test Type: static test Method: OECD Test Guideline 209 GLP: no	
Dibenzoyl methane:			
Toxicity to fish	:	LC50: 11.313 mg/l Exposure time: 96 h Method: QSAR	
Toxicity to daphnia and other aquatic invertebrates	:	LC50: 7.519 mg/l Exposure time: 48 h Method: QSAR	
Toxicity to algae	:	2.68 mg/l Exposure time: 96 h Method: QSAR	
Ecotoxicology Assessment			
Acute aquatic toxicity	:	Based on available data, the classification criteria are not m	iet.
Chronic aquatic toxicity	:	Based on available data, the classification criteria are not m	iet.
Persistence and degradabilit	t y		
Components:			
Calcium hydroxide: Biodegradability	:	Remarks: The methods for determining biodegradability are not applicable to inorganic substances.	;
Zinc compounds: Biodegradability	:	Ready biodegradability	

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		Result: Readily biodegradable. Biodegradation: 93 % Exposure time: 28 d Method: closed bottle test according to OECD 301 D
		Remarks: Read-across (Analogy)
		Ready biodegradability Result: Readily biodegradable. Biodegradation: 72 % Exposure time: 29 d Method: OECD Test Guideline 301
Dibenzoyl methane: Biodegradability	:	aerobic Inoculum: activated sludge Result: Readily biodegradable. Biodegradation: 89 % Exposure time: 28 d Method: ISO 9439
Bioaccumulative potential		
Components:		
Calcium hydroxide: Bioaccumulation	:	Remarks: Not applicable
Partition coefficient: n- octanol/water	:	Remarks: No data available
Zinc compounds: Bioaccumulation	:	Remarks: Not applicable
Dibenzoyl methane: Bioaccumulation	:	Remarks: study scientifically unjustified
Partition coefficient: n- octanol/water	:	log Pow: < 3
Mobility in soil		
Components:		
Calcium hydroxide: Mobility	:	Remarks: Not applicable
Zinc compounds: Mobility	:	Remarks: According to experience not expected

Dibenzoyl methane:

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emarks: No data available	
ased on available data, the classification criteria are not met.	
o information available.	
ased on available data, the classification criteria are not met.	
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ased on available data, the classification criteria are not met.	
o information available.	
	emarks: No data available ased on available data, the classification criteria are not met. o information available. ased on available data, the classification criteria are not met. o information available. ased on available data, the classification criteria are not met.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal	methods
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Waste from residues	:	Consult an expert on the disposal of recovered material. En- sure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Dispose in accordance with local, state and federal regula- tions.
Contaminated packaging	:	Empty containers must be handled with care due to product residue.

SECTION 14. TRANSPORT INFORMATION

National Regulations

DOT Not regulated as a dangerous good

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

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SECTION 15. REGULATORY INFORMATION

SARA 313

: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Components	CAS-No.	Wt.
Zinc Compounds (N982)	Not Assigned	20.0

The components of this product are reported in the following inventories:

TSCA	listed
EINECS	listed
DSL	listed
AICS	listed
ENCS	listed
ECL	listed
PICCS	listed
CHINA	listed

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level;

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NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance 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

Further information

HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,

2 = Moderate, 3 = High

4 = Extreme, * = Chronic

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:

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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