



**BAEROPOL RST 92D SP**

Version 1.3

Revision Date 05/28/2021

**SECTION 1. IDENTIFICATION**

**Product identifier**

Trade name : **BAEROPOL RST 92D SP**

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

Use of the Sub-  
stance/Mixture : Blend of additives

**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 : Hotline.PS@baerlocher.com  
Responsible/issuing person : Product Safety Department

**Emergency telephone number (0 - 24 h)**

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

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Combustible dust

**GHS label elements**

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

**Other hazards**

Dust can form an explosive mixture in air.

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

Substance / Mixture : Mixture  
Chemical nature : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Zinc compounds*	Trade Secret	$\geq 20^*$
Zinc compounds*	Trade Secret	$< 25^*$

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



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**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 : Rinse with plenty of water.  
If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Get medical advice/ attention if you feel unwell.  
Show this safety data sheet to the doctor in attendance.  
Most important symptoms and effects, both acute and delayed : No information available.  
Notes to physician : Treat symptomatically.

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Sand  
Unsuitable extinguishing media : High volume water jet  
Specific hazards during fire-fighting : Smoke and fumes, toxic.  
Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.  
Avoid dust formation.  
Provide adequate ventilation.  
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.

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**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 parameters / Permissible concentration	Basis
Zinc compounds	Trade Secret	PEL	15 mg/m <sup>3</sup> (total dust)	OSHA Z-1
		PEL	5 mg/m <sup>3</sup> (Respirable fraction)	OSHA Z-1
		TWA	10 mg/m <sup>3</sup> (total dust)	NIOSH REL
		TWA	5 mg/m <sup>3</sup> (Respirable fraction)	NIOSH REL
		TWA	10 mg/m <sup>3</sup> (Respirable dust)	ACGIH
		TWA	5 mg/m <sup>3</sup> (Respirable fraction)	ACGIH
Zinc compounds	Trade Secret	air 8 h (Respirable fraction)	2 mg/m <sup>3</sup>	ACGIH
		air 15 min (Respirable fraction)	10 mg/m <sup>3</sup>	ACGIH
		PEL (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		PEL (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA	5 mg/m <sup>3</sup>	NIOSH REL
General limits for air contaminants (PNOC)	Not Assigned	air 8 h (total dust)	15 mg/m <sup>3</sup>	OSHA Z-3
		air 8 h (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-3
		air 8 h (inhalable dust)	10 mg/m <sup>3</sup>	ACGIH
		air 8 h (Respirable fraction)	3 mg/m <sup>3</sup>	ACGIH

**Engineering measures** : Local exhaust

**Personal protective equipment**

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)  
P1 filter respirator for inert particles

Hand protection



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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 : granular  
Color : white  
Odor : slight  
Odor Threshold : No data available  
  
pH : No data available  
Melting point/range : > 100 °C  
  
Boiling point/boiling range : No data available  
Flash point : >> 100 °C  
  
Evaporation rate : No data available  
Flammability (solid, gas) : Combustible Solids  
Upper explosion limit : No data available  
Lower explosion limit : No data available  
Vapor pressure : No data available  
Relative vapor density : No data available  
Relative density : No data available  
Density : No data available  
Bulk density : No data available  
Solubility(ies)  
Water solubility : practically insoluble  
Partition coefficient: n-octanol/water : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity  
Viscosity, dynamic : No data available



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Viscosity, kinematic : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable at normal ambient temperature and pressure.  
Chemical stability : No decomposition if stored normally.  
Possibility of hazardous reactions : Risk of dust explosion.  
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:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:**

**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 criteria 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 criteria are not met.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Remarks: Based on available data, the classification criteria are not met.

**Zinc compounds:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg



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Method: OECD Test Guideline 401  
Remarks: Based on available data, the classification criteria are not met.

Acute inhalation toxicity : LC50 (Rat): > 5,7 mg ZnO/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403  
Remarks: Based on available data, the classification criteria are not met.

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

**Skin corrosion/irritation**

**Components:**

**Zinc compounds:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: not irritating  
Remarks: Based on available data, the classification criteria are not met.

**Zinc compounds:**

Species: Mouse  
Exposure time: 5 d  
Result: not irritating

Species: Guinea pig  
Exposure time: 5 d  
Result: not irritating

Species: Rabbit  
Exposure time: 24 h  
Method: OECD Test Guideline 404  
Result: not irritating  
Remarks: Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation**

**Components:**

**Zinc compounds:**

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

**Zinc compounds:**

Species: Rabbit  
Result: not irritating



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Exposure time: 24 h  
Method: OECD Test Guideline 405  
GLP: yes  
Remarks: Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

**Components:**

**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.

**Zinc compounds:**

Remarks: Skin sensitisation

Test Type: Maximisation Test  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Does not cause skin sensitisation.  
GLP: yes

Test Type: Patch Test 24 Hrs.  
Species: Humans  
Result: Does not cause skin sensitisation.  
Remarks: Based on available data, the classification criteria are not met.

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

**Germ cell mutagenicity**

**Components:**

**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.



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**Zinc compounds:**

- Genotoxicity in vitro
- : Test Type: Mutagenicity (Salmonella typhimurium - reverse mutation assay)  
Species: Bacteria  
Method: OECD Test Guideline 471  
Result: negative  
GLP: no
  - : Test Type: In vitro gene mutation study in mammalian cells  
Species: mouse lymphoma cells  
Method: OECD Test Guideline 476  
Result: contradictory  
GLP: yes
  - : Test Type: Mutagenicity (in vitro mammalian cytogenetic test)  
Species: human cells  
Method: OECD Test Guideline 473  
Result: positive
  - : Test Type: Mutagenicity (in vitro mammalian cytogenetic test)  
Species: Chinese hamster ovary cells  
Result: positive  
GLP: no
  - : Test Type: Mutagenicity (in vitro mammalian cytogenetic test)  
Species: V79  
Method: OECD Test Guideline 473  
Result: negative  
GLP: yes
- Genotoxicity in vivo
- : Test Type: In vivo micronucleus test  
Species: Mouse (male)  
Application Route: intraperitoneally  
Method: OECD Test Guideline 474  
Result: negative  
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:**

**Zinc compounds:**

Remarks: Read-across (Analogy)





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

**Zinc compounds:**

Remarks: largely based on human evidence  
Based on available data, the classification criteria are not met.

**Reproductive toxicity**

**Components:**

**Zinc compounds:**

Effects on fertility :

Remarks: Read-across (Analogy)

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

Effects on foetal development :

Remarks: Read-across (Analogy)  
Remarks: Based on available data, the classification criteria are not met.

**Zinc compounds:**

Effects on fertility :

Remarks: largely based on human evidence

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

Effects on foetal development :

Remarks: largely based on human evidence  
Remarks: Based on available data, the classification criteria are not met.

**STOT - single exposure**

**Components:**

**Zinc compounds:**

Remarks: Read-across (Analogy)

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

**Zinc compounds:**

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



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**Repeated dose toxicity**

**Components:**

**Zinc compounds:**

Remarks: Read-across (Analogy)

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

**Zinc compounds:**

Remarks: Read-across (Analogy)

Species: rat / mouse

Application Route: Oral

Method: OECD Test Guideline 408

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

**Aspiration toxicity**

**Components:**

**Zinc compounds:**

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

**Zinc compounds:**

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

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Components:**

**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  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

(Pimephales promelas (fathead minnow)): 0,330 - 0,780 mg Zn/L



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- 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 referred 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 referred to the Water accumulated fraction (WAF).
- Toxicity to fish (Chronic toxicity) : Remarks: Read-across (Analogy)  
  
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 (Chronic toxicity) : Remarks: Read-across (Analogy)  
  
NOEC: 0,037 - 0,400 mg Zn/L  
Test Type: Fresh water  
  
Remarks: Read-across (Analogy)  
  
NOEC: 0,0056 - 0,9 mg Zn/L



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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

**Zinc compounds:**

Toxicity to fish : Remarks: Read-across (Analogy)  
  
LC50 (Oncorhynchus kisutch): 0.820 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

LC50 (Oncorhynchus mykiss (rainbow trout)): 0.169 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

LC50 (Cottus bairdii): 0.439 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

LC50 (Thymallus arcticus): 0.168 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

LC50 (Pimephales promelas (fathead minnow)): 0.33 - 0.780 mg/l  
Exposure time: 96 h  
Test Type: static test



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- Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 1.7 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202
- EC50 (*Thamnocephalus platyurus*): 0.14 mg/l  
Exposure time: 24 h  
Test Type: static test  
Method: standardised international/national methodology
- EC50 (*Thamnocephalus platyurus*): 0.19 mg/l  
Exposure time: 24 h  
Test Type: static test  
Method: standardised international/national methodology
- EC50 (*Daphnia magna* (Water flea)): > 5 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202
- EC50 (*Tetrahymena thermophila*): 9.4 mg/l  
Exposure time: 24 h  
Test Type: static test  
Method: standardised international/national methodology
- EC50 (*Tetrahymena thermophila*): 12 mg/l  
Exposure time: 24 h  
Test Type: static test  
Method: standardised international/national methodology
- Toxicity to algae : IC50 (*Pseudokirchneriella subcapitata* (green algae)): 0.136 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition  
Method: OECD Test Guideline 201  
GLP: yes
- NOEC (*Pseudokirchneriella subcapitata* (green algae)): 0.024 mg/l  
Exposure time: 3 d  
Test Type: Growth inhibition  
Method: OECD Test Guideline 201  
GLP: yes
- Toxicity to fish (Chronic toxicity) : Remarks: Read-across (Analogy)
- NOEC: 0,044 - 0,530 mg Zn/L  
Test Type: Fresh water  
Method: standardised international/national methodology
- Remarks: Read-across (Analogy)
- NOEC: 0,025 mg Zn/L  
Test Type: Marine water



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Method: standardised international/national methodology

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: Read-across (Analogy)

NOEC: 0,037 - 0,400 mg Zn/L  
Test Type: Fresh water  
Method: standardised international/national methodology

Remarks: Read-across (Analogy)

NOEC: 0,0056 - 0,9 mg Zn/L  
Test Type: Marine water  
Method: standardised international/national methodology

Toxicity to bacteria : GLP:  
Remarks: Read-across (Analogy)

EC50 (activated sludge): 5.2 mg/l  
Exposure time: 3 h  
Test Type: Respiration inhibition  
Method: OECD Test Guideline 209  
GLP:

GLP:  
Remarks: Read-across (Analogy)

IC50 (activated sludge): > 10 mg Zn/L  
Exposure time: 3 h  
Test Type: Respiration inhibition  
Method: ISO 8192  
GLP:

GLP:  
Remarks: Read-across (Analogy)

NOEC (activated sludge): 5 mg Zn/L  
Exposure time: 3 d  
Test Type: static test  
GLP:

**Persistence and degradability**

**Components:**

**Zinc compounds:**

Biodegradability : Ready biodegradability  
Result: Readily biodegradable.  
Biodegradation: 93 %  
Exposure time: 28 d  
Method: closed bottle test according to OECD 301 D

Remarks: Read-across (Analogy)



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Ready biodegradability  
Result: Readily biodegradable.  
Biodegradation: 72 %  
Exposure time: 29 d  
Method: OECD Test Guideline 301

**Zinc compounds:**

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

**Bioaccumulative potential**

**Components:**

**Zinc compounds:**

Bioaccumulation : Remarks: Not applicable

**Zinc compounds:**

Bioaccumulation : Remarks: Not applicable

Partition coefficient: n-octanol/water : Remarks: No data available

**Mobility in soil**

**Components:**

**Zinc compounds:**

Mobility : Remarks: According to experience not expected

**Zinc compounds:**

Mobility : Remarks: No data available

**Other adverse effects**

**Components:**

**Zinc compounds:**

Results of PBT and vPvB assessment : Based on available data, the classification criteria are not met.

Endocrine disrupting potential : No information available.

**Zinc compounds:**

Results of PBT and vPvB assessment : Based on available data, the classification criteria are not met.

Endocrine disrupting potential : No information available.



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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

- Waste from residues : Consult an expert on the disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Dispose in accordance with local, state and federal regulations.
- 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**

- UN/ID No. : UN 3077
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Zinc oxide, mixture)
- Class : 9
- Packing group : III
- Labels : Miscellaneous

**IMDG-Code**

- UN number : UN 3077
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Zinc oxide, mixture)
- Class : 9
- Packing group : III
- Labels : 9
- EmS Code : F-A, S-F
- Marine pollutant : yes

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

Not applicable for product as supplied.

**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	100.0





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

EINECS	listed
TSCA	listed
DSL	listed
AICS	listed
ENCS	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; 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



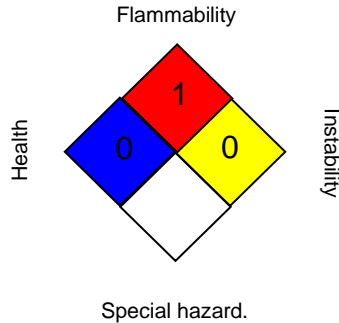
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**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 05/28/2021

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