

## 1. Product and Company Identification

www.rxmarine.com

Product Name Zinc Phenolsulfonate  
Part Number RXSOL-19-3902-025

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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Product name	Cas No	Weight	Formula
ZINC PHENOLSULFONATE	1300-55-6	100%	$C_{12}H_{26}O_{16}S_2Zn$

## 3. Hazards Identification

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Signal Word	Warning
Hazard Statements	Harmful if swallowed Causes skin irritation Causes serious eye irritation
Precautionary statements	Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Wear protective gloves Wear eye/face protection
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
Other hazards	No data available

## 4. First Aid Measures

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General advice	National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.
If inhaled	No data available
Eye Contact	Flush eyes with water for 15 minutes. Get medical attention.
Swallowed	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician. 4.2 Most important
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	Moderate skin irritation Moderate eye irritation
Indication of any immediate medical attention and special treatment	Treat symptomatically.

## 5. Fire-fighting Measures

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Flammability	No data available
Suitable extinguishing media	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spraymist orfoam
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
Special hazards arising from the substance or mixture	May be combustible at high temperatures.
Further information	Prevent fire extinguishing water from contaminating surface water or the ground water system.
Hazardous combustion products	Carbon Monoxide, Carbon Dioxide. Sulfur oxides. Zincoxides. Zinc.
Advice for firefighters	First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Disposeof contaminated clothing and equipment as bio-hazardous waste..
Protective Equipment	As in any fire, wear self-contained breathingapparatuspressure-demand, MSHA/NIOSH (approvedor equivalent)and full protective gear
Specific Hazards Arising from the Chemical	No data available

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoidcontact with skin, eyes and clothing. Use personal protective equipment. Do not touchdamaged containers or spilled material unless wearing appropriate protective clothing. Avoid dust formation. Remove all sources of ignition.
Spillage	No data available
Personal Protection	No data available
Enviromental Precaution	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.Prevent from entering into soil, ditches, sewers, waterways, and/or groundwater
Methods and materials for containment and cleaning	Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.Sweep up and shovel into suitable containers for disposal. Clean contaminatedsurface thoroughly
Reference to other sections	For disposal see section 13.

## 7. Handling and Storage

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Advice on protection against fire and explosion	No data available
Incompatible materials	Oxidizing agentse
Hygiene measures	Avoid contact with skin, eyes and clothing. Wash hands before breaksandimmediately after handling the product When using, do not eat, drink or smoke
Advice on safe handling	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Donot ingest. Do not breathe dust. Keep away from heat and sources of ignition. Handle in accordance withgoodindustrial hygiene and safety practice.
Conditions for safe storage including any incompatibilities	No data available
Storage conditions	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials
Storage class	No data available
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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Exposure controls  
Engineering Control

Personal protective equipment

Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Eye/face protection  
Body Protection  
Skin protection  
Respiratory protection

Safety glasses

Protective clothing.

Long sleeved clothing Chemical resistant apron gloves.

Effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds), inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent

Other Protection Measure

No data available

## 9. Physical and chemical properties

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Physical state  
Colour  
Odour  
Odor Threshold  
pH  
Melting Point  
Boiling Point  
Flash Point  
Evaporation Rate  
Flammability (solid, gas)  
Explosive limits  
Upper/lower flammability or explosive limits  
Autoignition temperature  
Decomposition temperature  
Vapour pressure  
Viscosity  
Density  
Relative Density  
Specific Gravity  
Partition coefficient  
Explosive properties  
Solubility  
Ignition temperature  
Particle characteristics

Solid Crystalline powder

White

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data Available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

Soluble in Water

No data available

No data available

## 10. Stability and reactivity

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Reactivity  
Chemical stability

No data available

The product is chemically stable under standard ambient conditions (room temperature)

Possibility of hazardous reactions	No data available
Conditions to avoid	Heat. Avoid dust formation. Incompatible materials
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Carbon oxides. Sulfur oxides. Zinc oxides

## 11. Toxicological information

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Acute toxicity	LD50 Oral - Rat - female - > 2.000 mg/kg (OECD Test Guideline 425) LC50 Inhalation - Rat - male and female - 4 h - > 6,04 mg/l - dust/mist (OECD Test Guideline 436)
Skin corrosion/irritation	Causes skin irritation. Moderate skin irritation
Serious eye damage/irritation	Causes serious eye irritation. Moderately irritating to the eyes
Respiratory or skin sensitization	May cause irritation of respiratory tract. Symptoms may include coughing and wheezing, and shortness of breath.
Carcinogenicity	No data available
Germ cell mutagenicity	Test Type Ames test Test system Escherichia coli/Salmonella typhimurium Metabolic activation with and without metabolic activation Method OECD Test Guideline 47
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Additional Information	No data available

## 12. Ecological information

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Persistence and degradability	No data available
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Products Biodegradation	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher
Other adverse effects	No data available

## 13. Disposal considerations

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Product	Waste must be disposed of in accordance with Federal, State and Local regulation.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal
Waste treatment Method	No data available

## 14. Transport information

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UN number	ADR/RID:-	IMDG:-	IATA:-
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UN proper shipping name	ADR/RID:Not dengerous goods	IMDG:Not dengerous goods	IATA:Not dengerous goods
Transport hazard class(es)	ADR/RID:-	IMDG:-	IATA:-
Packaging group	ADR/RID:-	IMDG:-	IATA:-
Environmental hazards	ADR/RID:No	IMDG:No	IATA:No
Special precautions for user	No data available		
Further information	No data available		

## 15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	A Chemical Safety Assessment was not carried out for this substance.

## 16. Other information

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### Other Information

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No data available

No data available