

Safety Data Sheet

According to OSHA HCS 2012 (29 CFR 1910.1200)



Section 1: Identification

Product Identifier: **Water Supply Line / Scale Eliminator (5179/51795)**
Intended Use: This product is intended for use with the water system of an evaporative cooler.
Uses Advised Against: All others
Emergency Health and Safety Number:

Distributor: Dial Manufacturing, Inc. 25 S. 51st Avenue Phoenix, AZ 85043	SDS Information: Phone: 602-278-1100 Email: URL: www.dialmfg.com	Customer Service: U.S.: 1-800-350-3425
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Section 2: Hazards Identification

Primary routes of exposure: Skin contact Skin Absorption Eye Contact Inhalation Ingestion

Emergency Overview: Harmful by inhalation, if swallowed. May cause skin, eyes irritation.

WHMIS Symbols: Not controlled under WHMIS

Potential Health Effects: Harmful by inhalation, if swallowed. May cause skin, eyes irritation.

Section 3: Composition / Information on ingredients

HAZARDOUS INGREDIENTS (specific):	VALUE (%)	CAS NO.	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
SODIUM HEXAMETAPHOSPHATE:	100	10124-56-8	2400 mg/kg (Rat) 6200 mg/kg (Rat)	No data available	No data available

Section 4: First Aid Measures

Skin Contact: IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.

Eye Contact: First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

Inhalation: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used.

Ingestion: This substance can be used for food. (Fruit juice drinks, dairy products, soy milk). As quality improver, the maximum usage is 1.0 g / kg. When used as a composite phosphate, count by phosphate, canned meat products shall not exceed 1.0 g / kg, milk may not exceed 0.50 g / kg.

If eat a lot, DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician.

Notes to Physician: Show this safety data sheet to the doctor in attendance.

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Section 5: Fire-Fighting Measures

Flammable	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	If yes, under which conditions?
Suitable extinguishing media: Fires involving this material can be controlled with a dry chemical, carbon dioxide or Water Spray.			
Flashpoint(°C)and Method	Upper Flammable Limit(%by volume)		Lower Flammable Limit(%by volume)
Not available.	Not available.		Not available.
Autoignition Temperature(°C)	Explosion Data-Sensitivity to Impact		Explosion Data-Sensitivity to Static Discharge
Not available.	Not expected		Risks of explosion of the product in presence of static discharge: Not expected
Hazardous Combustion Products	[NFPA] As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.		
Sodium oxides.			

Section 6: Accidental Release Measures

Personal precautions: Use proper personal protective equipment as indicated in Section 8. Keep unprotected person away.
Environmental precautions: Don't allow to enter ground water. Don't allow material to be released to the environment without proper governmental permits.
Methods for cleaning up: Pick up with inert absorbent material, and then transfer the dampened material to a suitable container. Keep the container in suitable, closed containers for disposal. Wash all contaminated surfaces with a soap and water solution.

Section 7: Handling and Storage

Handling: All chemicals should be considered hazardous. Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Ensure good ventilation at the workplace and avoid contact with skin and eyes.

Storage: Keep in a cool, dry, dark location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage. Store away from foodstuffs and out of the reach of children.

Specific use(s): No information available.

Section 8: Exposure Controls / Personal Protection

Exposure Limits:
<input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input checked="" type="checkbox"/> Other (specify)
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Biological limit values: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Derived No Effect Level (DNEL): No information available.
Predicted No Effect Concentration (PNEC): No information available.
Specific Engineering Controls(such as ventilation, enclosed process) Maintain good ventilation
Personal Protective Equipment)
<input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input checked="" type="checkbox"/> Other
If checked, please specify type
Hand protection: Wear appropriate protective gloves.
Feet: Safety slip proof shoes in areas where spills or leaks can occur.

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Eye protection: Safety glasses with side-shields.

Skin and body protection: Wear impervious clothing and boots. Remove and wash contaminated clothing before re-use.

Respiratory protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoking.

Environmental exposure controls: Do not allow material to be released to the environment without proper governmental permits.

Section 9: Physical and Chemical Properties

Physical State Solid	Odor and Appearance Odorless, Transparent	Odor Threshold(ppm) No data available.
Specific Gravity 2.181	Vapour density(air=1) No data available.	Vapor pressure(mmHg) No data available.
Evaporation rate No data available.	Boiling point(°C) Not applicable	Freezing Point(°C) No data available.
pH 6.0 - 7.7	Melting Point/Range 640 °C / 1184 °F	Solubility in Water soluble.

Section 10: Stability and Reactivity

Reactivity: Strong oxidizing agents.

Chemical Stability: Stable under normal temperatures and pressures.

Stability/Incompatibility: Strong oxidizer.

Conditions to Avoid: None under normal conditions of storage or use.

Hazardous Reaction/Decomposition Products: Sodium oxides.

Section 11: Toxicological Information

Effects of Acute Exposure: No information available.

Effects of Chronic Exposure: No information available.

Irritancy of Product: No information available.

Skin Sensitization: No information available.

Respiratory Sensitization: No information available.

Carcinogenicity-IARC: No information available.

Carcinogenicity-ACGIH: No information available.

Reproductive Toxicity: No information available.

Mutagenicity: No information available.

Name of Synergistic Products/Effects: No information available.

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.

Persistence and Degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility in Soils: The product is water soluble, and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.

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Results of PBT Assessment: No information available.

Other Adverse Effects: No information available.

Section 13: Disposal Considerations

Specify the appropriate methods of disposal of both the substance or mixture and any contaminated packaging: Dispose of in a manner consistent with federal, state, and local regulations.

Waste Treatment Methods: Waste from Residues / Unused Products: Smaller quantities can be disposed of with household waste. Dispose of in accordance with local regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: Transport Information

ICAO:	Not regulated	PIN:	No data available.
TDG:	Not regulated	DOT:	Not regulated
IMO:	Not regulated		

Section 15: Regulatory Information

WHMIS Classification: No information available	OSHA: No information available
SERA: No information available	TSCA: No information available

Section 16: Other Information

Label Requirements: No information available.	Risk Combination Phrases: No information available.
Label Elements: None.	Signal Word Code(s): None.
Safety phrases code(s): S24/25— Avoid contact with skin and eyes	Hazard Statement Code(s): No information available.
Classification of the substance/mixture according to Regulation (EC) No 1272/2008(CLP): No information available.	

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