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SECTION I - IDENTIFICATION

PRODUCT NAME: **Zinc Sulfate 7-Hydrate**

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS CHEMICAL NAME (SYNONYM)	%	EXPOSURE LIMIT/TOXICITY DATA			CAS NUMBER
		TLV	Tox. Data	PEL	
Zinc Sulfate, 7-Hydrate	≥98%	N/A	Rat (oral) LD50 1260 mg/kg	N/A	7446-20-0

SECTION III - PHYSICAL DATA

PRODUCT/COMPONENT:	Zinc Sulfate, 7-Hydrate	Zinc Sulfate 7-Hydrate (In Water)
APPEARANCE AND ODOR:	Colorless crystals or granules, odorless	Clear liquid, odorless
BOILING POINT (°C):	>500°C Decomposes	104°C
VAPOR PRESSURE (mmHg):	N/A	N/A
VAPOR DENSITY (Air=1):	N/A	Vapor is Water
SPECIFIC GRAVITY (H ₂ O=1):	1.957	1.18
EVAPORATION RATE:	N/A	N/A
SOLUBILITY IN WATER:	Soluble	Soluble

PRODUCT NAME: Zinc Sulfate 7-Hydrate

SECTION IV - FIRE AND EXPLOSION DATA

FIRE: Not considered to be a fire hazard.

EXPLOSION: Sealed containers may rupture when heated

EXTINGUISHING

MEDIA: Use any means suitable for extinguishing surrounding fire.

SECTION V - REACTIVITY DATA

PRODUCT/COMPONENT:	Zinc Sulfate, 7-Hydrate
STABILITY:	Stable
CONDITIONS TO AVOID:	Heat, moisture, incompatibles
INCOMPATIBILITY (MATERIALS TO AVOID):	Lead, calcium, strontium salts, borax, alkali carbonates and hydroxides, silver protein and tannins.
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of sulfur and oxides of zinc. Reacts with water to form sulfuric acid.

SECTION VI - HEALTH HAZARD DATA

WARNING! Causes severe eye irritation and possible eye injury. Causes skin and respiratory tract irritation. May be harmful if swallowed. Very toxic to aquatic organisms. Exercise appropriate care to avoid direct contact with skin and eyes.

EXPOSURE EFFECTS: Eyes & Skin – Causes irritation to skin and eyes
Inhalation – Irritation to the respiratory tract.
Ingestion – May hydrolyze into acid, severe irritation and burns of the mouth, throat and digestive system may occur. Do not induce vomiting.

FIRST AID: Eyes & Skin – Wipe off excess material from skin then immediately flush with copious amounts of water for at least 15 min. Remove contaminated clothing and shoes.

Inhalation - Remove to fresh air.

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SECTION VII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY
PROTECTION:**

Not required.

VENTILATION:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

SKIN PROTECTION:

Wear appropriate protective clothing such as lab coats, apron, and proper gloves.

EYE PROTECTION:

Use chemical safety goggles and/or full-face shield.

In general, good laboratory procedures.

SECTION VIII - SPILL OR LEAK PROCEDURES

SPILL:

Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. This material is a water pollutant and should not be emptied into drains.

SECTION IX - SPECIAL STORAGE AND DISPOSAL PROCEDURES

STORAGE:

Not applicable. Store as indicated on package insert.

DISPOSAL:

Follow all Federal, State and Local regulations.

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