

Material Safety Data Sheet

Version No.:V05

Issue Date: 04.24.2021

No.:MSDS-Bohigh-0005

Section 1 - Chemical Product and Company Identification

MSDS Name: Synonyms: Zinc sulphate heptahydrate
Company Identification: Zinc sulphateheptahydrate
Address: Borofertil – Hemagri Trade SAC
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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Min Percent
7446-20-0	Zinc sulphate heptahydrate	94.55%

Section 3 - Hazards Identification

Appearance: White crystal .

Potential Health Effects

Ingestion Harmful if swallowed. May cause irritation of the digestive tract.

Inhalation Harmful if swallowed. May cause respiratory tract irritation.

Section 4 - First Aid Measures

Ingestion Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 5-Fire Fighting Measures

EXTINGUISHING MEDIA: This product does not burn or support combustion. Use extinguishing media appropriate for surrounding fire.

HAZARDS: This product is non-flammable.

Protection: Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Section 6 - Accidental Release Measures

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Do not let this chemical enter the environment.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling.
Storage: Store in a cool, dry place. Store tightly closed at room temperature.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Section 9 - Physical and Chemical Properties

Physical State: crystal
Appearance: White
Odor odorless
pH: 4.0-6.0 (50 g/L aq.sol.)
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 39°C
Decomposition Temperature: Not available.
Solubility: soluble in water, slightly soluble in alcohol, insoluble in acetone.
Specific Gravity/Density: 3.54g/cm³ @25°C
Molecular Formula: ZnSO₄.7H₂O
Molecular Weight: 287.55

Section 10- Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures. Efflorescent(tending to lose water molecules of hydration) in dry air.

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Bohig be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Bohig has been advised of the possibility of such damages.