

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** Wet Zinc®  
**Chemical Name:** Metallic Stearate Dispersion

**Product Code:** 5290

**Supplier:** The HallStar Company<sup>(1)</sup>  
120 S. Riverside Plaza Suite 1620  
Chicago, IL 60606 PH: (877) 427-4255  
USA

**HMIS**  
Health: 1  
Flammability: 1  
Reactivity: 0  
Gloves & Safety Glasses

**Emergency Phone Numbers:** The HallStar Company: (312) 554-7400  
CHEMTREC: (800)424-9300

### Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS #</u>
Zinc Stearate	557-05-1
Ethyl Alcohol	64-17-5

This product contains the following toxic chemical 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.:

<u>Chemical Name</u>	<u>Weight %</u>
Zinc Compounds	10-20

### Section 3 - Hazard Identification

**Appearance/Odor:** White paste, fatty acid odor.

**Potential Health Effects**

**Skin Contact:** Repeated or prolonged skin contact may cause skin irritation.  
**Eye Contact:** May cause mild to moderate eye irritation.  
**Ingestion:** Substance may be harmful if swallowed. Can cause nausea, vomiting.  
**Inhalation:** May cause respiratory irritation.

### Section 4 - First Aid Measures

**Skin Contact:** Wash affected skin with soap and water. Seek medical attention if symptoms persist.  
**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.  
**Ingestion:** Rinse mouth and seek medical advice.  
**Inhalation:** Person should be moved to a fresh air environment. High vapor concentrations may cause drowsiness and irritation. Get medical attention if necessary.

**Product Name:** Wet Zinc®

### Section 5 - Explosion and Fire-Fighting Measures

**Flash Point (COC):** >200°F  
**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Water Fog  
**Special Fire-Fighting Procedures:** A MSHA/NIOSH approved self-contained breathing apparatus should be worn.  
**Unusual Fire and Explosion Hazards:** May liberate irritating vapors during combustion or decomposition.

### Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer material to containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

### Section 7 - Handling and Storage

Any use of this product in an elevated process should be evaluated to establish and maintain safe operating procedures.

Containers should be kept tightly closed and stored in a dry well-ventilated place. Protect from freezing.

### Section 8 - Personal Protection

**OSHA Permissible Exposure Limit (TWA):** Ethyl Alcohol - 1000 ppm TWA (<5% of final product composition)  
Zinc Stearate – 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (respirable fraction)

**Hand Protection:** Rubber gloves  
**Respiratory Protection:** None required for normal operation. Use a NIOSH approved respirator when exposure to mists or vapors is anticipated or exposure exceeds TWA.  
**Eye Protection:** Splash goggles  
**Skin and Body Protection:** Avoid contact. Long clothing is recommended.  
**Engineering Measures:** For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and vapors are given off.  
**Other:** Eyewash facility in vicinity.

### Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	N/A	<b>Specific Gravity:</b>	0.96
<b>Flash Point (COC):</b>	>200°F	<b>Evaporation Rate:</b>	N/A
<b>% Volatile:</b>	74%	<b>Solubility in Water:</b>	Dispersible
<b>Vapor Pressure (20°C):</b>	N/A		
<b>Appearance/Odor:</b>	White paste, fatty acid odor.		

**Product Name:** Wet Zinc®

### Section 10 - Stability and Reactivity

**Stability:** This product is stable under normal conditions.  
**Hazardous Decomposition:** Thermal decomposition may generate smoke, soot, and toxic fumes (e.g., carbon dioxide and carbon monoxide).  
**Hazardous Polymerization:** Will not occur under normal circumstances.

### Section 11 - Toxicological Information

No toxicological information is available at this time.

### Section 12 - Ecological Information

No ecological information is available at this time.

### Section 13 - Disposal Considerations

**Waste Disposal Methods:** Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

### Section 14 - Transport Information

Not regulated as hazardous per Department of Transportation regulations.

### Section 15 - Regulatory Information

**Toxic Substances Control Act (TSCA):** This substance is in compliance with TSCA regulations of the United States.

**Superfund Amendments and Reauthorization Act (SARA):** This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards  
Acute Health

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

<u>Ingredients</u>	<u>Weight %</u>
Zinc Compounds	10-20

**Product Name:** Wet Zinc®

**California Proposition 65:** This product contains the following substances know to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

<u>Ingredients</u>	<u>%</u>
Formaldehyde	<0.1

<b>Section 16 - Other Information</b>
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Prepared By: AAC

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

<sup>(1)</sup> Affiliated companies include RTD\*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.