

# MSDS

# HERTRON INTERNATIONAL, INC.

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **PRIME GRIND FORMULA 1**

Date: 05/01/08

H.M.I.S.

PRODUCT USE: Hardening Agent

COMPANY:

HERTRON INTERNATIONAL, INC.  
306 CLANTON ROAD  
CHARLOTTE, NC 28217

EMERGENCY PHONE: 800-535-5053

1	HEALTH	<b>HAZARD RATING</b> 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
0	FIRE	
0	REACTIVITY	
A	MAXIMUM PERSONAL PROTECTION	

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

### HAZARDOUS CHEMICAL IDENTITY

### CAS NO.

### %

### PEL

### TLV

### LD50

### LC50

Zinc Sulfate hexahydrate

7733-02-0

13-17

N/A

15mg/m3

N/A

N/A

SARA: This material does not contain a toxic chemical or chemicals subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR part 372. This material does not contain a toxic chemical or chemicals listed in section 355, Appendix A, of the Superfund Amendments and Reauthorization Act of 1986.

PROPOSITION 65: This material does not contain a chemical or chemicals that appear on California's list of "chemicals known to the state to cause cancer or reproductive toxicity, May 17, 2002"

## SECTION 3 – PHYSICAL DATA

Color and Odor: Hazy White, No Odor  
Physical State: Liquid  
Odor Threshold: N/A

Boiling Point: N/A  
Freezing Point: N/A  
Water/Oil Distribution: N/A

Vapor Pressure (mmHg): N/A  
Vapor Density (Air=1): N/A  
Evaporation Rate (Water=1): N/A

pH: 4-5  
Specific Gravity: 1.125  
Solubility in Water: Miscible

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N/A.

Autoignition Temperature: N/A

Extinguishing Media: Use media proper to the primary cause of fire.

Flammable Limits: N/A.

LEL: N/A UEL: N/A

Special Fire Fighting Procedures: Use proper protective equipment.

Hazardous Combustion Products: None Known

Unusual Fire and Explosion Hazards: None Known

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes X No \_\_\_

Hazardous Decomposition of By-Products: N/A

Incompatibility (Materials to Avoid): None Known

Hazardous Polymerization: May Occur\_\_\_ Will Not Occur X

## SECTION 6 – TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes

Toxicologically Synergistic Products: None known

Sensitization: Not Known

Medical Conditions Aggravated by Exposure: N/A

Carcinogenicity: N/A

Teratogenicity: N/A

Mutagenicity: N/A

Reproductive Toxicity: N/A

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC):

Eyes: May cause mild irritation.

Skin: May cause mild irritation.

Ingestion: May cause severe irritation of the gastrointestinal tract. Poisonous

Inhalation: Dust may irritate the respiratory tract when used with inadequate ventilation.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.

Ventilation: Local Exhaust: \_\_\_\_\_ Mechanical: X

Protective Gloves: Rubber or PVC

Eye Protection: Goggles

Protective Clothing and Equipment: Normal Work Clothes

Work and Hygienic Practices: Wash hands and face before eating, drinking or smoking

Storage Requirements: Store in closed containers in a cool place away from food

Other Requirements: Keep out of the reach of children.

Steps To Be Taken If Material Is Spilled or Released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

## SECTION 8 – EMERGENCY AND FIRST AID PROCEDURES

FIRST AID NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 30 minutes holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes.

Ingestion: Give teaspoon of Dibasic Sodium Phosphate in water, then a teaspoon of salt in a glass of water. Repeat until vomit is clear. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

## SECTION 9 -- TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: ZINC SULFATE SOLUTION

HAZARD CLASS/ UN: 8, UN1759

PACKING GROUP: III