

# SAFETY DATA SHEET (SDS)

## SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Prime Grind Formula 2  
CHEMICAL FAMILY: Stone Treatment  
PRODUCT NUMBER: PG2

Distributor:

Hertron International, inc.  
306 Clanton Road  
Charlotte, Nc 28217

EMERGENCY  
PHONE NUMBER  
800-535-5053

Hazard Statements:

Toxic if swallowed  
Toxic in contact with skin, Toxic if inhaled  
Causes skin irritation, Causes eye irritation  
May cause respiratory irritation

Hazard Category: 3  
GHS LABEL ELEMENTS:  
Signal Word: Danger  
Symbols:



PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

## SECTION 3: COMPOSITION

Chemical Name	%	CAS#
Zinc Sulfate, Hexahydrate	1-2	7733-02-0
Magnesium Fluorosilicate, Hexahydrate	15-25	16949-65-8

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

## SECTION 4: FIRST AID MEASURES

INHALATION	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
INGESTION	Give large quantities of water, then several glasses of milk. Induce vomiting. Get medical attention immediately.
EYE CONTACT	Flush eyes immediately with large quantities of water for 30 minutes holding eyes open. Get medical attention.
SKIN CONTACT	Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

## SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT	None
EXTINGUISHING MEDIA	As required by the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full-face breathing apparatus and full protective clothing.
UNUSUAL HAZARDS	None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS:	Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal. Absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.
SMALL SPILLS:	
OTHER PRECAUTIONS:	Dispose of as permitted by all federal, provincial, state and local regulatory authorities. Keep out of reach of children.

## SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Zinc Sulfate, Hexahydrate	Not Available	Not Available	Not Available	Not Available	Not Available
Magnesium Fluorosilicate, Hexahydrate	3mg/m3	Not Available	Not Available	3 mg/m3	Not Available

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%

RESPIRATORY PROTECTION	Yes	OTHER PROTECTIVE MEASURES
VENTILATION	Yes	Limit contact with skin. Wash hands thoroughly after use.
PROTECTIVE GLOVES	Yes	
EYE PROTECTION	Yes	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid
ODOR	None
pH	2-3
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	N/A
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	N/A

## SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID	Extreme Temperatures
INCOMPATIBLE MATERIALS	strong acids and oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	Hydrogen fluoride gas, Magnesium oxides, Silicon oxides

## SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY	No	HEALTH HAZARDS ACUTE/CHRONIC:
NTP	No	Eyes: May cause redness and irritation to eyes. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, defatting and dermatitis. Ingestion: May cause severe irritation of the gastrointestinal tract. POISON (fluoride)
IARC MONOGRAPHS	No	Inhalation: Dust may irritate the respiratory tract when used with inadequate ventilation.
OSHA REGULATED		

### Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc Sulfate, Hexahydrate	1891mg/kg (mouse)	>2000mg/kg	Not Available
Magnesium Fluorosilicate, Hexahydrate	Not Available	Not Available	Not Available

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## SECTION 12 ECOLOGICAL INFORMATION:

12.1 Toxicity  
No data available  
12.2 Persistence and degradability  
No Data Available  
12.3 Bioaccumulative potential  
No data available  
12.4 Mobility in soil  
No data available  
12.5 Results of PBT and vPvB assessment  
No data available  
12.6 Other adverse effects  
No data available  
12.7 Additional information  
Avoid exposing into ground, waterways and drainage. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

## SECTION 13 DISPOSAL CONSIDERATIONS:

If spilled and recovered, place into container for proper disposal. Do not allow runoff into public waterways.

It should be disposed of in an EPA approved landfill in accordance with all local, state, and federal regulations. Empty containers will contain product residues. Do not use for any purpose other than to store product.

## SECTION 14 TRANSPORT INFORMATION:

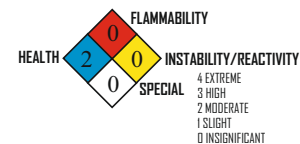
UN3287, Toxic Liquid, inorganic, n.o.s.  
(Magnesium Fluorosilicate Solution), CLASS Toxic; 6.1  
PACKING GROUP: III

## SECTION 15 REGULATORY INFORMATION:

United States  
Superfund Amendments and Reauthorization Act (SARA 313) listed: No  
European Union  
European Inventory of Existing Chemical Substances (EINECS): 241-022-2  
Canada  
Canadian Non-Domestic Substances List (NDSL) listed: No  
Toxic Substance Control Act (TSCA) listed: Yes  
Superfund Amendments and Reauthorization Act (SARA 302) listed: No  
Superfund Amendments and Reauthorization Act (SARA 311/312) listed: No  
Canadian Domestic Substances List (DSL) listed: Yes

## SECTION 16 OTHER INFORMATION:

Date: June 1, 2015



GHS Hazard statements of components

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.