

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Granite One-Step
CHEMICAL FAMILY: Stone Treatment
PRODUCT NUMBER: Granite One Step

Manufacturer:

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

EMERGENCY
PHONE NUMBER
800-535-5053

Hazard Category: 3

GHS LABEL ELEMENTS:
Signal Word: Danger
Symbols:



Hazard Statements:

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

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#
Alumina	10-30	1344-28-1
Magnesium Fluorosilicate	10-20	127-95-7

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. Use media proper to the primary cause of 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
Alumina	Not Available	Not Available	Not Available	10 mg/m3	Not Available
Magnesium Fluorosilicate	2.5 mg/m3	Not Available	Not Available	2.5 mg/m3	Not Available

Open air work or use of natural ventilation (opening of doors and windows in buildings) generally provides adequate ventilation. Local mechanical ventilation or extraction may be required in areas where dust standards cannot be achieved

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	White Solid
ODOR	Mint
pH	1.8-2.5
RELATIVE DENSITY	Unknown
SOLUBILITY	Partial
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 oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	None

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICIT	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
Alumina	Not Available	Not Available	Not Available
Magnesium Fluorosilicate	Not Available	Not Available	13.6 mg/l

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SECTION 12 ECOLOGICAL INFORMATION:

Eco-toxicity: Product is non-toxic to aquatic and terrestrial organisms.

Persistence and

Degradability:

Product is persistent and would have a low degradability.

Mobility: A low mobility would be expected in a landfill situation.

SECTION 13 DISPOSAL CONSIDERATIONS:

Alumina can be treated as a common waste for disposal or dumped into a landfill site in accordance with local authority guidelines. Measures should be taken to prevent dust generation during disposal and exposure and personal precautions should be observed (see Section 8).

SECTION 14 TRANSPORT INFORMATION:

UN2856, FLUOROSILICATES, N.O.S. (Magnesium Fluorosilicate), 6.1, PG III

SECTION 15 REGULATORY INFORMATION:

None

SECTION 16 OTHER INFORMATION:

Date: June 1, 2015

