

1. Product and Company Identification

Product Code: KS3000
Product Name: Hard Rock Cleanstone
Company Name: Masterpiece Manufacturing, Inc.
P.O. Box 97818
Las Vegas, NV 89193-7818
Phone Number: (702)656-9767
Emergency Contact: Chemtrec (800)424-9300
Recommended Use: Maintainer/Restorer
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 3
Skin Corrosion/Irritation, Category 1B
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4



GHS Signal Word: Danger

GHS Hazard Phrases: Toxic if swallowed.
Causes severe skin burns and eye damage.
Harmful if swallowed.
Harmful in contact with skin.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Keep out of reach of children.
Wear protective gloves, protective clothing, eye protection, face protection.
Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs, seek medical attention.

GHS Storage and Disposal Phrases: Store locked up.
Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.

**Potential Health Effects
(Acute and Chronic):**

Chronic inhalation and ingestion may cause chronic fluoride poisoning (fluorosis) characterized by weight loss, weakness, anemia, brittle bones, and stiff joints. May cause digestive tract disturbances.

Chronic: Effects may be delayed. Chronic exposure to fluoride compounds may cause systemic toxicity.

Inhalation:

Causes chemical burns to the respiratory tract. Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Skin Contact:

Causes skin burns. May cause skin irritation. Skin Absorption: Skin absorption may occur. Harmful if absorbed through the skin.

Eye Contact:

Causes eye burns. May cause chemical conjunctivitis and corneal damage. May cause eye irritation.

Ingestion:

Harmful if swallowed. May cause severe and permanent damage to the digestive tract. May cause kidney damage. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1341-49-7	Ammonium bifluoride	Proprietary
16961-83-4	Fluosilicic acid	Proprietary

4. First Aid Measures

**Emergency and First Aid
Procedures:****In Case of Inhalation:**

Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact:

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

In Case of Eye Contact:

Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes). In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

In Case of Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Signs and Symptoms Of
Exposure:**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician:

Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: For small fires, use dry chemical, carbon dioxide, or water spray. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
 Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Minimize dust generation and accumulation. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale.

Precautions To Be Taken in Storing: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1341-49-7	Ammonium bifluoride	No data.	No data.	No data.
16961-83-4	Fluosilicic acid	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Goggles or face shield.

Protective Gloves: Compatible chemical-resistant gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low. Safety shower and eye bath.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Colorless liquid with acrid odor.
Melting Point: NE
Boiling Point: > 212.00 F
Decomposition Temperature: NE
Autoignition Pt: NE
Flash Pt: NE
Explosive Limits: LEL: N/A UEL: N/A
Specific Gravity (Water = 1): 1.100
Density: 9.17 LB/GA
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: NE
pH: < 2
Percent Volatile: No data.
VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: acids, Bases, glass, Strong oxidizing agents, Avoid contact with metals.
Hazardous Decomposition Or Byproducts: hydrogen fluoride gas. ammonia and/or derivatives, irritating and toxic fumes and gases, silicon dioxide, Carbon monoxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information: CAS# 1341-49-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 16961-83-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
 CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: UN3264, Corrosive liquid, Acidic, Inorganic, n.o.s., (Contains Fluorosilicic Acid and Ammonium Bifluoride), 8, II. (Ammonium bifluoride, Fluosilicic acid)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN3264 **Packing Group:** II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: UN3264, Corrosive liquid, Acidic, Inorganic, n.o.s., (Contains Fluorosilicic Acid and Ammonium Bifluoride), 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: UN3264, Corrosive liquid, Acidic, Inorganic, n.o.s., (Contains Fluorosilicic Acid and Ammonium Bifluoride), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN3264, Corrosive liquid, Acidic, Inorganic, n.o.s., (Contains Fluorosilicic Acid and Ammonium Bifluoride), 8, II.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

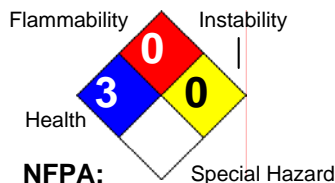
CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1341-49-7	Ammonium bifluoride	No	Yes 100 LB	No
16961-83-4	Fluosilicic acid	No	No	No

16. Other Information

Hazard Rating System:

HEALTH		3
FLAMMABILITY		0
PHYSICAL		0
PPE		H

HMIS:



Revision Date: 04/08/2015

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.