



Material Safety Data Sheet

1. Product and Company Identification

Product Name Drain Out Crystal
Product Use Drain cleaner
Manufacturer Iron Out dba Summit Brands
 1515 Dividend Road
 Fort Wayne, IN 46808
Phone 260-483-2519
Emergency phone 1-800-424-9300 (CHEMTREC)
HMIS
 Health 3
 Flammability 0
 Reactivity 1
Revision date 12/6/07

2. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum cuttings	Mixture	1-5	N/A	10 mg/m ³
Sodium hydroxide	1310-73-2	30-60	2 mg/m ³	2 mg/m ³
Sodium nitrate	7631-99-4	15-40	N/A	N/A

3. Hazards Identification

Emergency overview May cause eye and skin burns
Primary routes of exposure Eyes, skin, respiratory
Effects of acute exposure
Eyes May cause severe burns
Skin May cause severe burns
Ingestion Corrosive via all routes of entry

4. First Aid Measures

Eyes Flush eyes for at least 15 minutes. Seek medical attention.
Ingestion Do NOT induce vomiting. Get medical attention
Inhalation Remove to fresh air.
Skin Flush with water for at least 15 minutes. Seek medical attention.



5. Fire Fighting Measures

Flash point	Not applicable
Flammability	Not flammable
Extinguishing media	Does not burn or support combustion, use extinguishing materials suitable for surrounding fire
Special procedures	None
Unusual hazards	None

6. Accidental Release Measures

Contain and neutralize. Recontain if possible.

7. Handling and Storage

Do not store with reactive materials.

8. Exposure Controls/Personal Protection

Respiratory protection	None needed
Ventilation	Local ventilation adequate
Protective gloves	Rubber
Eye protection	Chemical goggles
Other protective clothing	None needed
Hygienic practices	Maintain ordinary good housekeeping practices

9. Physical and Chemical Properties

Physical state	White solid, white/purple flake or granular
Odor	Slight, sweet odor
pH	Not applicable
Boiling point	1390 C
Specific gravity	2.13
Vapor pressure (mm Hg)	Not applicable
Melting point	Not applicable
Vapor density (Air=1)	<0.01
Solubility in water	Soluble, 42 g/100 cc at o C
Evaporation rate	Not applicable

10. Chemical Stability and Reactivity Information

Chemical stability	Stable
Conditions to avoid	High heat, extreme acids or bases. Use caution when dissolving in water
Hazardous decomposition products	May release sodium monoxide
Hazardous polymerization	None known



11. Toxicological Information

Primary routes of exposure	Eyes, skin, respiratory
Effects of acute exposure	
Eyes	May cause severe burns
Skin	May cause severe burns
Ingestion	Corrosive via all routes of entry
Carcinogenicity	No
Medical conditions aggravated by exposure	Lung diseases

12. Ecological Information

No ecological information is available.

13. Disposal Considerations

Dispose of according to local, state and federal regulations.

14. Transportation Information

Proper Shipping Name	Corrosive solids, oxidizing, N.O.S. (sodium hydroxide, sodium nitrate)
Hazard Class	8 (Corrosive), 5.1 (Oxidizer)
ID Number	UN3084
Packing Group	II
RQ	1,000 lbs./454 kg (Sodium Hydroxide)

15. Regulatory Information

Follow all applicable local, State and Federal regulations.

16. Other Information

Prepared by: SES, 3807 Transportation Drive, Fort Wayne, IN 46818 1-800-654-4915

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