SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Supplier:

Mill-Rose Company
7310 Corporate
Mentor, Ohio 44060

Telephone: 1-440-974-6730
Fax: 1-440-255-1072
Web Site: www.cleanfit.com
E-mail: info@cleanfit.com

For any transportation or medical chemical emergencies call:

INFOTRAC

(800) 535-5053

24 hours per day - 7 days a week

Product Name:

Mill-Rose Blue Monster Drain Banger
#76055 #76057 #76059

Recommended Use:
For cleaning small drains, grease traps and septic systems

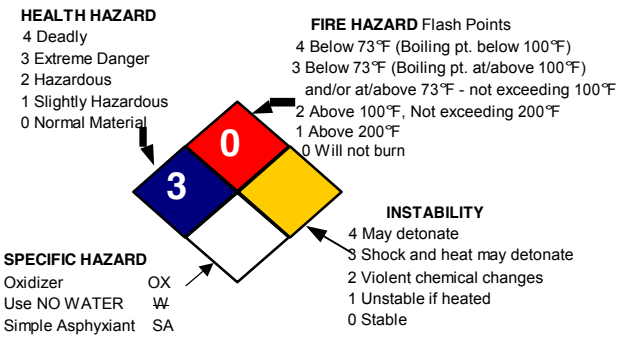
SECTION 2 - HAZARD(S) IDENTIFICATION

Label

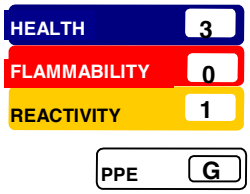
Signal word

DANGER

NFPA



HMIS



0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Serious Hazard
4 Severe Hazard

Health

Acute Toxicity: N/A
Skin Corrosion: Cat. 2
Eye Irritation: Cat. 2A
Skin Sensitization: NO

Environmental

Acute Toxicity: N/A
Chronic Toxicity: N/A

Physical

Flammability: N/A
Other: N/A

Hazardous Statement

CAUSES SEVERE BURNS. HARMFUL OR FATAL IF SWALLOWED.
Contains Sodium Hydroxide

Precautionary Statement

AVOID CONTACT WITH EYES, SKIN, MUCUS MEMBRANES AND CLOTHING.
Keep out of reach of children.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Chemicals	CAS #	EINECS#	Approx %
SODIUM HYDROXIDE	1310-73-2	215-185-5	100%

Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

MATERIAL SAFETY DATA SHEET

SECTION 4 - FIRST-AID MEASURES

Inhalation: Call a physician or poison control center immediately. Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin: Wash off immediately with soap and plenty of water, remove all contaminated clothes and shoes. Consult a physician.

Eyes: Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Ingestion: Call a physician immediately. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Note to physician: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media		**Specific Hazards**	**Protective Equipment**
Suitable	Unsuitable	Causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Substance with react with water (some violently), releasing corrosive and/or toxic gases.	Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
As appropriate.	---------		

Special Firefighting Procedures

In the event of fire and/or explosion do not breath fumes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Avoid dust formation.

Protective Equipment: None.

Emergency Procedures: None.

Environmental Precautions: Prevent material from entering waterway.

Methods for Cleaning-Up: Prevent further leakage or spillage if safe to do so. Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surfaces thorougly.

Other Precautions: Do not get water inside containers. Refer to protective measures listed in Sec. 7 and 8.

SECTION 7 - HANDLING AND STORAGE

Handling	**Storage**
Wear personal protective equipment. Ensure adequate ventilation . Avoid contact with skin, eyes and clothing. Do not breath vapors/dust. Remove and wash contaminated clothing before re-use.	Keep containers tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep out of reach of children.

MATERIAL SAFETY DATA SHEET

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA Exposure Limits

Hazardous Components	ACGIH-TLV	OSHA-PEL
SODIUM HYDROXIDE	2 mg/m3	2 mg/m3

Personal Protective Equipment

Respiratory Protection: Use NIOSH approved respirators to prevent overexposure.
Ventilation: Local ventilation is adequate.
Other Protective Equipment:

Protective Gloves	Eyes and Face Protection	Other Protective Equipment
Impervious Gloves.	Tightly Fitted Safety Goggles OR Face Shield.	Impervious Clothing.

Other Precautions: None.

Engineering Controls

Showers. Eyewash stations. Ventilation systems. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Blue	**Volatile by Volume:**	N/A
Odor:	Odorless	**Vapor Pressure:**	N/A
Odor Threshold:	N/A	**Vapor Density:**	N/A
pH:	N/A	**Relative Density:**	N/A
Melting/Freezing Point:	N/A	**Solubility:**	Soluble
Boiling Point:	1390°C / 2534°F	**Partition Coefficient: n-octanol/water:**	N/A
Boiling Range:	N/A	**Auto-ignition Temperature:**	N/A
Flash Point:	N/A	**Specific Gravity (H20=1):**	2.1
Evaporation Rate:	N/A	**Viscosity:**	N/A
Flammability:	N/A	**VOC:**	0 g/l
Flammability Limits:	LEL: N/A ; UEL: N/A		

SECTION 10 - STABILITY AND REACTIVITY

Stability	Hazardous Polymerization	Conditions To Avoid
Stable ☑ Unstable ☐	May Occur ☐ Will Not Occur ☑	Exposure to air or moisture over prolonged periods. Avoid dust formation.

Incompatible Materials	Hazardous Decomposition Products
Aluminum, Tin, Lead, Zinc, and their alloys and all acids.	Reaction with various food sugars may form carbon dioxide.

MATERIAL SAFETY DATA SHEET

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure		Symptoms/Effects
Inhalation	☑	Harmful by inhalation. Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Aspiration into lungs can produce severe lung damage.
Skin Contact	☑	Causes burns.
Eye Contact	☑	Causes burns. Corrosive to the eyes and may cause severe damage including blindness.
Ingestion	☐	Harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory tract. Can burn mouth, throat, and stomach.

Long-Term Effects: N/A

Medical conditions aggravated by exposure: None.

Hazardous Components	Toxicity LD_{50}	LC_{50}
SODIUM HYDROXIDE	Oral : 140 mg/kg (rat) ; Dermal : 1,350 mg/kg (rabbit)	N/A

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None.
Persistance & Degradability: None.
Bioaccumulative Potential: None.
Mobility in Soil: None.
Other Adverse Effects: Possible risks of irreversible effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping Information

Shipping Name: Sodium Hydroxide Solid
Hazardous Class: 8
I.D. Number: UN1823
Packing Group: II
Label Required: Corrosive
Marine Pollutant: No

Exception: This product, when packaged and distributed in a quantity and form intended or suitable for retail sale and designed for consumption by individuals for their personal care or household use purposes, may qualify as a "Consumer Commodity". As such, it can then be exempted from certain labeling, packaging and shipping requirements.

SECTION 15 - REGULATORY INFORMATION

None.

SECTION 16 - OTHER INFORMATION

Disclaimer: **Revision Date:** April 2015

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified.