

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

CLOG BUSTER

PRODUCT CODE: 059

CHEMICAL FORMULATION: GRANULAR SEWER AND DRAIN OPENER

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH:

FLAMMABILITY:

REACTIVITY:

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL	OTHER RECOMMENDED LIMITS	S.A.R.A TITLE III QTYS
Sodium Hydroxide	1310-73-2	N/E	N/E	N/E	NONE	NONE

OSHA and ACGIH TWA 2mg/m³ Ceiling

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 2530°F
MELTING POINT: NOT DETERMINED
VAPOR PRESSURE (mm Hg): (mmHg at 25°C) Neglig. SPECIFIC GRAVITY (AT 25/25°C): 2.13
VAPOR DENSITY (AIR = 1): N/A % VOLATILE BY VOLUME: NON-VOLATILE
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate=1): N/A
pH: 113 (1% Aqueous Solution)
APPEARANCE AND ODOR: White, solid beads or flake. No distinct odor.

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NONE

FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Water Fog, "Alcohol" foam, Dry Chemical. Avoid use of CO₂

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: If large quantities are involved, do not enter confined fire space without a NIOSH-approved, positive pressure, self-contained breathing apparatus. Cool containers with water.

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PRODUCT COD 059

V - REACTIVITY DATA

STABILITY:	Stable. Hygroscopic. Will pick up moisture from air.
INCOMPATIBILITY:	Strong oxidizer, acids, leather, wool, aluminum, zinc, tin and alloys. Protect from exposure to moisture.
CONDITIONS TO AVOID:	Carbon Monoxide.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Will not occur.
HAZARDOUS POLYMERIZATION:	

VI - HEALTH AND HAZARD DATA

SUPPLEMENTAL HEALTH INFORMATION (ACUTE TOXICITY DATA):

EYES: Major potential hazard. FHSa Corrosive
SKIN: Dermal Acute LD (50): 1350 mg/kg (RABBIT)
ORAL: LD (50)=140-340 kg/mg (RAT)
RESPIRATORY: 2 mg/m³
Systemic: **CARCINOGENICITY:**NTP: No **IARC:** No **OSHA REGULATED?:** Yes - Sodium Hydroxide

EFFECTS OF OVEREXPOSURE

IF INGESTED: Can cause severe gastrointestinal irritation and burns to gastrointestinal tract. Can cause complete perforation of mucus membranes. Can cause death.

IF IN EYES: Can cause severe eye damage, damage to surrounding tissue and blindness. Contact with dust can cause irritation or burns. Skin absorption will not occur.

IF ON SKIN: Can be moderately to severely irritating to skin. Can cause burns depending on length of contact. Dust or mist can cause irritation or burns.

IF INHALED: Inhalation of dusts in a confined area may cause dizziness, nausea, upper respiratory irritation, damage to upper respiratory tract and possibly damage to lung tissue which could produce chemical pneumonia.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Immediately flush with water for 15 minutes while holding upper and lower lids open. Seek medical attention immediately. Quick reaction is essential. Do not wear contact lenses when working with product.

IF ON SKIN: Immediately flush with large amount of water. If wearing goggles, flush head and face before removing goggles before removing. Remove contaminated clothing and wash before re-use. Seek medical attention immediately. The use of vinegar or dilute acetic acid (3% solution) may be helpful as a neutralizing solution following thorough water rinse.

IF SWALLOWED: Do not induce vomiting. Give large quantities of water and milk. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of material into lungs. Seek medical attention immediately.

IF INHALED: Remove person to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

VII - SPILL AND LEAK PROTECTION

ACTION TO BE TAKEN FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT): Shovel up for recovery or disposal. Avoid dusting. Flush remainder with water. Neutralize with diluted acid, preferably acetic. Rinse again. Notify local health and pollution control officials if flushed spillage unavoidable enters public sewers or other water systems.

DISPOSAL METHOD: Consult federal, state and local regulations. Corrosive Hazardous Waste, number D002.

VIII - SPECIAL HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep containers tightly closed. Store away from heat and moisture. Treat empty containers as if they were full due to presence of residue and vapors. As abundant running water and neutralization supplies should be present near work area.

ADDITIONAL INFORMATION: Keep out of reach of children. HMIS...3,0,2,X

VIII - DOT INFORMATION

PROPER SHIPPING NAME: Corrosive solid, NOS (contains Sodium Hydroxide) **HAZARD CLASS:** Corrosive Material, 8
LABEL REQUIREMENTS: Corrosive Diamond **EMERGENCY RESPONSE GUIDE NO.:** 60 **ID NO.:** UN1759

X - ENVIRONMENTAL INFORMATION

RCRA WASTE NO.: None if neutralized. If not neutralized, D002, Sodium Hydroxide

REPORTABLE QUANTITY (CERCLA): 1,000 # Sodium Hydroxide

NFPA: 3,0,2

THRESHOLD PLANNING QUANTITY: N/A

SARA TITLE III, SEC. 313: N/A

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Prepared By:

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