

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STATNDARD (29 CFR 1910.1200)

SECTION I – PRODUCT IDENTIFICATION

HMIS Rating (bases on aerosol concentrate): 0-Minimal 1-Slight 2-Moderate 3-Serious 4-Extreme Health: 3 Fire: 0 Reactivity: 2	Product Type: Powder Formula: Proprietary
Manufacturer's Name: MKG Sales Associates, Inc. Address: Medford Industrial Park 130 Miller Road Medford, NJ 08055	Identity (trade name as used on label): Rout Drain Opener
Date Prepared: 5/18/2005 Prepared By:DJS	MSDS Number: 4041000
Information Calls: (609)953-4700	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA
EMERGENCY RESPONSE NUMBER: 800-535-5053	

SECTION II – INGREDIENTS

Chemical Name	CAS #	%WT	PEL	TWA/TLV	STEL-TLV	Carcinogen
Sodium Hydroxide	1310-73-2	<100	NO	2mg/m3	NO	NO

The above listed toxic chemical is subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1986 and of CFR 372:

SECTION III – PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:	
Boiling Point: 2530 F	Specific Gravity (H2O=1) 2.13
pH: 13.0-14.0	Vapor Density (Air = 1): Unknown
Solubility in Water: Partial	
Appearance/Odor: Orange granules, lemon odor	

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point (of concentrate only): Non Flammable	Flammability (as per USA Flame Projection Test): Non-flammable
Extinguishing Media: Appropriate for surrounding fire.	
Special Fire Fighting procedures: Full face SCBA and full bunker gear.	
Unusual Fire and Explosion Hazards: Toxic fumes may be released.	

SECTION V - REACTIVITY DATA

Stability: (X) Stable () Unstable
Incompatibility: Avoid acids, oxidizers, amphoteric metals
Hazardous Decomposition Products: Fumes of metal oxides.

SECTION VI – STORAGE AND HANDLING

Precautions to be taken in handling and storage: Keep out of reach of children. Keep container tightly closed when not in use. Store in a cool dry place. Store away from acids. For trained industril and institutional personnel only.

SECTION VII – HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:
Eyes: Severe irritation , burns,irreversible damage and blindness.
Skin: Contact may cause burns, tissue distruction.
Inhalation: Harmful if inhaled. Severe irritation,chemical pneumonia lung damage and damage to respiratory system.
Ingestion: Severe irritation, burns, tissue ulceration or gastrointestinal damage, even death.
FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Flush with water for 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothes before reuse.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing difficult, give oxygen. Seek medical attention
Ingestion: Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. Keep head below hips to prevent breathing vomit into lungs. Seek medical attention.

SECTION VIII – SPECIAL PROTECTION DATA

Respiratory Protection: Use a NIOSH/OSHA respirator approved for your conditions of exposure.
Ventilation: Adequate ventilation in volume and pattern should be provided to keep air contamination at a minimum.
Protective Gloves: Rubber Gloves.
Eye Protection: Chemical goggles or face shield
Other protective clothing: Apron, protective clothing.

SECTION IV – SPILL OR LEAK PROTECTION

Steps to be Taken in Case of Spill or Leak: Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems
Waste Disposal Method: Dispose of in accordance with Federal, State and Local ordinances.

N/A=NOT APPLICABLE - N/E=NOT ESTABLISHED - N/D=NOT DETERMINED - <=LESS THAN - >=MORE THAN

Notice: the information contained on this MSDS is considered accurate as of the date of the publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty,

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