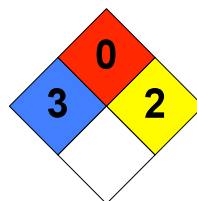


King Drain Opener



Health	3
Fire	0
Reactivity	1
Personal Protection	Safety Glasses, Gloves and Apron

Material Safety Data Sheet

Section I-General Information

Distributed by: King Research, Inc 7025 West Marcia Road Milwaukee, WI 53221	24 Hour Emergency Telephone Number: Veolia Environmental Services Inc. 1-262-512-8000
	Telephone for Information: (414) 371-3149
Date Prepared: 12/30/09	Prepared by: Ron Dunnett

Section II- Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	Hazardous	OSHA PEL	ACGIH TLV	Other Limits Recommended	% by Weight (Optional)
*Sodium Hydroxide	1310-73-2	Yes	2 ppm	2 ppm	2 ppm	NA
*Sodium Hypochlorite	7681-52-9	Yes	N/E	N/E	N/E	NA
*SARA Title III Section 313 Reportable						

Section III – Physical/Chemical Characteristics

Boiling Point:	N/A	Density @25°C:	1.20-1.30g/mL
Vapor Pressure (mm Hg)	N/A	Melting Point:	Not Applicable
Viscosity @ 25°C:	1200-1300 cps	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water:	Complete	% Volatiles by Volume	Not Applicable
pH:	13.0-14.0	Appearance and Odor:	Clear to yellow, thick liquid

Section IV- Fire and Explosion Hazard Data

Flash Point: N/A
Extinguishing Media: Carbon dioxide, Dry Chemical
Special Fire Fight Procedures: Wear NIOSH or equivalent approved full protective equipment
Unusual Fire and Explosion Hazards: Caustic Vapors

Section V- Stability and Reactivity Data

Stability: Stable	Hazardous Decomposition Products: Caustic vapors
Hazardous Polymerization: Will not occur	Incompatibilities: Acids, amines, ammonia salts, methanol, cellulose
Conditions to Avoid: Damp or wet conditions	

KING DRAIN OPENER MSDS

Section VI – Health Hazard Data

Routes of Entry: *Skin Contact * Eye Contact *Ingestion *Inhalation
Carcinogenicity: NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.
Health Hazards: Corrosive to skin, eyes and mucous membranes. Vapors can damage lungs, esophageal tissue. Nausea, cramping and dysphagia can result from overexposure.
Signs and Symptoms of Exposure: <ul style="list-style-type: none">• Eyes: Burning sensation, watering, or redness.• Skin: Irritation up to and including severe burns.• Inhalation: Exposure to vapors can cause internal tissue damage.• Ingestion: Nausea, cramping, dysphagia are possible. Risk of permanent damage or even death.
Medical Conditions Generally Aggravated by Exposure: None Known

Section VII- First Aid Measures

Emergency and First Aid Procedures <ul style="list-style-type: none">• Inhalation: Remove to fresh air. Call poison control center or seek medical attention if symptoms persist.• Ingestion: Drink plenty of milk or water. Do not induce vomiting. Seek immediate medical attention.• Skin Contact: Wash liberally with soap and water for 15 minutes. If redness or burns develop seek medical attention.• Eye Contact: Flush with water for at least 15 minutes. Seek medical attention.

Section VIII- Precautions for Safe Handling and Use

Handling: Avoid ingestion, skin and eye contact. Storage: KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry place. Keep separate from ammonia, toilet bowl and other household cleaners.

Section IX- Accidental Release Measures

Spills: For normal use disposal, the product may be flushed with water and disposed of in the sanitary sewer. Large Spills: For spills greater than 1 gallon, absorb with inert material following all personal protection recommendations and dispose of (see below). Disposal Considerations: This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).
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Section X-Control Measures and Personal Protection

Ventilation and Respiratory Protection: General ventilation is normally adequate.
Engineering Controls: Mechanical (General): Normally sufficient. Local Exhaust: Recommended.
Skin Protection: Rubber or impervious gloves. Use rubber or impervious apron when handling quantities greater than 1 gallon.
Eye Protection: Use Safety Glasses.
Work/Hygiene Practices: Eye wash and emergency shower are recommended if handled in bulk.

KING DRAIN OPENER MSDS

Section XI-Transportation Information

Non-Bulk Packaging

PROPER SHIPPING NAME : ORM-D

Bulk Packaging:

PROPER SHIPPING NAME : Sodium hydroxide solution

HAZARD CATEGORY: 8

UN NUMBER: UN1824

PACKING GROUP: II

LABELS REQUIRED: Corrosive

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.