

Section 1. Product and Company Identification

Product Name	LEWIS RED DEVIL® LYE DRAIN OPENER	MSDS#	Not available.
Product Description	Free flowing, Dust Free, Bead Type Lye Drain Opener.	Validation Date	5/18/2000
Manufacturer	Reckitt Benckiser Inc. 1655 Valley Road Wayne, N.J. 07474	Print Date	1/18/2001
Product Identifier	Not available.	In case of Emergency:	Telephone: 800-228-4722
Item Number	360279	Transportation Emergencies:	Chemtrec: 800-424-9300
Formula Number	F/F 360279 (S).		
UPC Number	62338-00372 (12 oz.), 62338-00374 (12 oz.), 62338-75138 (18 oz.).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) SODIUM HYDROXIDE	1310-73-2	100	CEIL: 2 (mg/m ³) from ACGIH (TLV) TWA: 2 (mg/m ³) from OSHA

Section 3. Hazards Identification

Emergency Overview	DANGER: POISON. CORROSIVE! Harmful or fatal if swallowed or misused. Causes severe burns to eyes and skin on contact. KEEP OUT THE REACH OF CHILDREN! Store in an area which is locked or inaccessible to children and domestic animals.
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Section 4. First Aid Measures

Eye Contact	CORROSIVE: In case of eye contact, immediately rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. GET IMMEDIATE MEDICAL ATTENTION!
Skin Contact	CORROSIVE: In case of skin contact, immediately flush exposed area with plenty of water for at least 15 minutes. Remove any contaminated clothing and wash thoroughly with soap and water. GET IMMEDIATE MEDICAL ATTENTION OR CALL POISON CONTROL CENTER OR HOSPITAL EMERGENCY ROOM.
Inhalation	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.
Ingestion	DO NOT INDUCE VOMITING. Drink a glass of water and CALL A PHYSICIAN, POISON CONTROL CENTER OR HOSPITAL EMERGENCY ROOM IMMEDIATELY! NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5. Fire and Explosion Data

Flammability	Not flammable. See Section 14 for any Shipping Classifications.
Flash Point	CLOSED CUP: 93.333°C (200°F).
Explosive Limits in Air	Not available.
Products of Combustion	Not available.

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Fire and Explosion Hazards	None known.
Fire Fighting Media and Instructions	Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.
Special Fire Fighting Instructions	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire.

Section 6. Accidental Release Measures

Accidental Spill	Small spills: In case of spillage from can, put on rubber gloves, collect or sweep into dust pan, empty down nearest working sink drain and flush with COLD water. Large spills: Wearing appropriate personal protective equipment spill should be contained and collected in a suitable container for later disposal according to local, state or federal hazardous waste regulations.
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Section 7. Handling and Storage

Handling and Storage	Storage: Store in ORIGINAL CONTAINER on a high shelf or in a locked cabinet inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN! Handling Precautions: DANGER-POISON: USE LEWIS RED DEVIL® LYE ONLY AS DIRECTED ON THE LABEL. MISUSE MAY RESULT IN SPLASH BACK AND SERIOUS INJURY. ALWAYS KEEP OUT OF REACH OF CHILDREN, PETS AND DOMESTIC ANIMALS! REPLACE CAP IMMEDIATELY AFTER USE. Contains SODIUM HYDROXIDE (lye). Harmful or fatal if swallowed. Corrosive - causes severe burns to eyes and skin. Can cause blindness. Keep lye away from eyes, skin, mouth and clothing. Keep face away from can and drain at all times. To avoid violent reaction and dangerous splash back, which can cause serious burns to skin and eyes: NEVER use lye with other products or with hot water. NEVER use lye if other products have failed to completely clear drain. Consult a plumber. NEVER use other drain cleaner, acid products, chemicals, or hot water if lye has failed to completely clear drain. Consult a plumber. NEVER use pressurized drain openers or plungers during or after using lye. NEVER use lye in toilet bowls, garbage disposals, dishwashers, appliances or pipes connected to them.
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	None required under normal use conditions. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Eye Protection	Use protective eyewear. Emergency responders should wear full eye and face protection.
Skin Protection	Wear rubber gloves. Emergency responders should wear impermeable gloves.
Respiratory Protection	None required under normal use conditions. Emergency responders should wear suitable respiratory protection where exposure to airborne dust is possible.
Other Protection	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the product or a resulting liquid is possible such as a major spill, a fire or a clean-up operation.
Work/Hygienic Practices	Wash thoroughly with soap and water after handling.

Section 9. Physical and Chemical Properties

Description	Free flowing spherical beads	Odor	None.
pH	14 [Basic.]	Color	White.
Boiling/Condensation Point	>2000		
Specific Gravity	2.13		
Vapor Pressure	Not applicable		
Vapor Density	Not available.		
Viscosity	Not available.		
Solubility	Complete.		
Physical Chemical Comments	Melting Point: 604°F		

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	Never use lye with other drain cleaners, acid products, chemicals, or hot water.
Incompatibility with Various Substances	Keep lye and solutions away from contact with aluminum utensils, wood, painted surfaces, acrylic or fiberglass as damage may result.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information**Exposure effects**

Eye Contact	CORROSIVE: Causes severe burns to eyes. Can cause blindness.
Skin Contact	CORROSIVE: Causes severe burns to skin. Keep lye away from skin and clothing.
Inhalation	Causes severe burns. Keep face away from can and drain at all times. Inhalation of generated vapors or fume may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
Ingestion	CORROSIVE: May be harmful or fatal if swallowed. Will cause burns to mouth, throat and stomach.
Carcinogenicity	Not listed as carcinogenic by OSHA, NTP or IARC.

Section 12. Ecological Information

Ecotoxicity	Not available.
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Section 13. Disposal Considerations

Waste Disposal	Dispose of in accordance with local, state, and federal regulations for hazardous waste. Discard empty can with cap in place into trash container. Do not incinerate.
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Section 14. Transport Information

DOT Classification	ORM-D	
Proper Shipping Name	Consumer Commodity	
DOT Identification Number	Not applicable.	
Packing Group	Not applicable.	
Maritime Transportation	Not available.	
Hazardous Substances Reportable Quantity	1000 lbs (454 kg)	
Special Provisions for Transport	ORM-D: For US Domestic Shipments Only	
TDG Classification	Consumer Commodity - Transborder Consignment	
ADR Classification	Not available.	
IMDG Classification	Sodium hydroxide, solid Class 8, UN1823, II-LTD QTY	
IATA Classification	62338-00372 ONLY: Sodium Hydroxide, solid 8, UN1823, II-LTD QTY 62338-00374, 75138 DO NOT SHIP: Does not meet IATA requirements.	

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: None California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: 1) Not available.
Other Classifications	WHMIS (Canada) Not controlled under WHMIS (Canada).

Section 16. Other Information

HMIS (U.S.A.)	<table><tr><td>Health Hazard</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>1</td></tr><tr><td>Personal Protection</td><td>a</td></tr></table>	Health Hazard	3	Fire Hazard	0	Reactivity	1	Personal Protection	a	National Fire Protection Association (U.S.A.)	<table><tr><td rowspan="3">Health</td><td colspan="3"></td><td>Fire Hazard</td></tr><tr><td></td><td></td><td></td><td>Reactivity</td></tr><tr><td></td><td></td><td></td><td>Specific hazard</td></tr></table>	Health				Fire Hazard				Reactivity				Specific hazard
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Health				Fire Hazard																				
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				Specific hazard																				
		<u>NFPA Aerosol Level</u>	Not applicable.																					
Validated by Product Safety on 5/18/2000.	Printed 1/18/2001.																							

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