

**MATERIAL SAFETY DATA SHEET**  
(Complies with 29 CFR 1910.1200)**SECTION I**

MAG-IT

Box 1931, Simpsonville, SC 29681-1931  
(864) 963-7034

PRODUCT NAME: Drain Cleaner 50  
 PRODUCT CODE: DC50  
 CHEMICAL NAME: Liquid Caustic Soda 50%  
 CAS #: 001310-73-2  
 MIXTURE ( )  
 SINGLE SUBSTANCE (X)

HMIS RATING  
 HEALTH: 2  
 FLAMMABILITY: 0  
 REACTIVITY: 0  
 PERSONAL PROTECTION: C

**SECTION II****HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT	%	OSHA HAZARD DATA
Sodium Hydroxide UN 1824 - Sodium Hydroxide Solution DOT Corrosive	50	2 mg/m <sup>3</sup>

**SECTION III****PHYSICAL DATA**

BOILING POINT: 288°F  
 SPECIFIC GRAVITY: 1.53  
 VAPOR PRESSURE: 1 mm Hg  
 PERCENT VOLATILE BY VOLUME: 50%  
 VAPOR DENSITY: N/A  
 EVAPORATION RATE (H<sub>2</sub>O = 1): N/A  
 SOLUBILITY IN WATER: Complete  
 APPEARANCE AND ODOR: Clear white to slightly turbid liquid with no odor.  
 pH AS RECEIVED: >11 (estimated)

**SECTION IV****FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): Not Flammable  
 FLAMMABILITY LIMITS: LEL UEL  
 EXTINGUISHING MEDIA: As indicated by the surrounding fire  
 SPECIAL FIRE FIGHTING PROCEDURES: None  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: contact with some metals, particularly magnesium, aluminum and galvanized zinc can generate hydrogen, an explosive gas.

**SECTION V****HEALTH HAZARDS DATA**

THRESHOLD LIMIT VALUE: 2 mg/m<sup>3</sup>  
 EFFECTS OF OVEREXPOSURE: May cause irritation if the product gets into eyes. Prolonged skin contact will cause drying and irritation. Ingestion may cause severe damage to mucous membranes.  
 EMERGENCY FIRST AID PROCEDURES: Flush affected areas with water for 15 minutes. Use neutralizer for alkaline products if available. If irritation persists, consult a physician.  
 If ingestion occurs consult a physician immediately.

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**SECTION VI**  
**REACTIVITY DATA**

STABILITY: STABLE:X UNSTABLE:  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
HAZARDOUS DECOMPOSITION PRODUCTS: None Known  
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR:X

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**SECTION VII**  
**SPILL OR LEAK PROCEDURES**

SPILL RESPONSE PROCEDURES: Small spills may be flushed with a large volume of water into the sewer system. Larger spills should be diked and collected in a suitable container for disposal in accordance with appropriate regulations. Spills large and small will make floor surfaces very slippery. Alkaline neutralizer should relieve this.

WASTE DISPOSAL METHOD: Collect in a suitable container and dispose of in accordance with local, state and federal regulations. Small spills may be absorbed on an appropriate media and disposed of in a landfill.

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**SECTION VIII**  
**SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: Glasses, goggles or face shield  
RESPIRATORY PROTECTION: Recommended in unventilated areas.  
SKIN PROTECTION: Rubber gloves  
OTHER PROTECTION: None  
VENTILATION RECOMMENDATION: Do not use in closed, unventilated spaces.

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**SECTION IX**  
**SPECIAL PRECAUTIONS**

HYGIENE PRACTICES IN HANDLING AND STORAGE: Inside storage that is dry and well ventilated. No unusual handling practices are required.

OTHER PRECAUTIONS: None

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**SECTION X**  
**PREPARER AND DISCLAIMER**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.

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DATE: 1 November 1998

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