

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME MYERS LB-1

PRODUCT CODE LB-1

DISTRIBUTOR
STREET ADDRESS
CITY, STATE ZIP
PHONE

Myers Supply, Inc.
831 Third St.
Hot Springs, AR 71913
(501) 623-7742

ISSUE DATE 02/23/05
SUPERCEDE 04/03/01

EMERGENCY TELEPHONE NUMBER

1-888-627-8740

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

EXPOSURE LIMITS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	ACGIH TLV	STEL	OTHER LIMITS
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	Not applicable	Not applicable
Potassium Hydroxide	1310-58-3	2 mg/m ³	2 mg/m ³	Not applicable	Not applicable

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Causes Severe burns. Harmful if Swallowed.

POTENTIAL HEALTH EFFECTS

INGESTION Burning and damage of mucous membranes
INHALATION Irritation and damage of mucous membranes
EYE CONTACT Irritation, burning
SKIN CONTACT Irritation, burning

SECTION 4 – FIRST AID MEASURES

INGESTION Drink large amounts of water or milk, followed by citrus juice. DO NOT INDUCE VOMITING. **See a physician immediately.**
INHALATION If irritation occurs, leave area until mists have dissipated. If irritation persists, see a physician.
EYE CONTACT Flush with water for 15 minutes. **See a physician immediately.**
SKIN CONTACT Flush with water for 15 minutes. If irritation persists, see a physician.
NOTE TO PHYSICIAN Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT / METHOD	N/A	FLAMMABLE LIMITS	Not applicable
% VOLATILE			Not applicable
EXTINGUISHING MEDIA			Dry chemical, water mist, alcohol foam
SPECIAL FIRE FIGHTING PROCEDURES			Firefighters should wear a self-contained breathing apparatus as in all chemical fires.
FIRE AND EXPLOSION HAZARDS			None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Stop leak. Dilute spilled material with dilute acetic acid.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool, dry place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.	
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.	
X	RESPIRATOR	Not required
X	GOGGLES / FACE SHIELD	Required; goggles should be chemical splash type
	APRON	Not required
X	GLOVES	Required; chemical resistant type
	BOOTS	Not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Water-white, clear liquid	BOILING POINT	212° F
ODOR	No discernable odor	VAPOR PRESSURE	N/A
PH 1%	>12	VAPOR DENSITY	N/A
SPECIFIC GRAVITY	1.350	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Complete		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	STABLE	X	UNSTABLE
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CONDITIONS TO AVOID
INCOMPATIBILITY
HAZARDOUS PRODUCTS
OF DECOMPOSITION
POLYMERIZATION
CONDITIONS TO AVOID

No special precautions beyond standard safe industrial practices.
Strong acids and oxidizing agents.
Oxides of carbon
Elevated temperatures

WILL NOT OCCUR X

MAY OCCUR

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY

X THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN.
THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z.

OTHER EFFECTS

ACUTE Severe irritation and burning to mucous membranes; dehydration and defatting of skin.
CHRONIC Unknown
ORAL LD/50 Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL Diluted neutralize material may be flushed to sewer.

SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION **HAZARDOUS** X **NOT HAZARDOUS**
DESCRIPTION Corrosive liquid n.o.s.(contains sodium hydroxide and potassium hydroxide) 8, UN1760 PGII.
HM CODE 175

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

2 **BLUE** HEALTH HAZARD
0 **RED** FLAMMABILITY
0 **YELLOW** REACTIVITY
Alk **WHITE** SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Myers Supply, Inc. in connection with the use of this information.