

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME MYERS LS-4

PRODUCT CODE LS-4

ISSUE DATE 03/28/05
SUPERCEDES 05-10-2001

DISTRIBUTOR Myers Supply, Inc.
STREET ADDRESS 831 Third St.
CITY, STATE ZIP Hot Springs, AR 71913
PHONE (501) 623-7742

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
Phosphoric Acid	7664-27-7	1 mg/m3	1 mg/m3	3 mg/m3	None

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW May be irritating to eyes or exposed mucous membranes.

POTENTIAL HEALTH EFFECTS

INGESTION Gastric irritation

INHALATION Vapors may cause dizziness or headache upon prolonged respiratory or exposure.

EYE CONTACT Irritation (moderate)

SKIN CONTACT Irritation (slight)

SECTION 4 – FIRST AID MEASURES

INGESTION Drink large quantities of water or milk. DO NOT INDUCE VOMITING! If irritation persists or respiratory symptoms occur, see a physician immediately.

INHALATION Do not breathe vapors. If dizziness or headaches occur, leave area and do not return until mists have dissipated. Get medical help immediately.

EYE CONTACT Flush With water for 15 minutes. See a physician immediately.

SKIN CONTACT Wash with soap and water. Remove contaminated clothing. 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	NA	FLAMMABLE LIMITS	LEL – N/A UEL – N/A
% VOLATILE	0.0		
EXTINGUISHING MEDIA		Water mist, dry chemical, co2, 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 sodium bicarbonate solution or chalk dust to greater than pH 6.5.
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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 dry, cool 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
X	APRON	Not required
X	GLOVES	Required
X	BOOTS	Not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Yellow opaque liquid	BOILING POINT	>212° F
ODOR	Slight acrid odor	VAPOR PRESSURE	NA
pH	<2	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.040	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

No special precautions beyond standard safe industrial practices.

Strong alkalis

Oxides of sulfur and carbon

WILL NOT OCCUR X

MAY OCCUR

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY

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 May be irritating to eyes or exposed mucous membranes
CHRONIC None known
ORAL LD/50 Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL After neutralizing, material may be flushed to sewer.

SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION **HAZARDOUS** X **NOT HAZARDOUS**
DESCRIPTION Corrosive liquid, n.o.s. (contains phosphoric acid), 8, UN 1760, PG II.
HM CODE 130

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

2 **BLUE** HEALTH HAZARD
0 **RED** FLAMMABILITY
0 **YELLOW** REACTIVITY
Acid **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.