

MATERIAL SAFETY DATA SHEET



603 N Monitor Road
Springdale, AR 72764
(479) 756-5874

PRODUCT NAME: L- 9140

MSDS NO: 9-64055.06

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FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887	FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716	HEALTH HAZARD: (0 None > 4 Extreme) Health = 2 Flammability = 0 Reactivity = 0
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: November 6, 2008

SUPERSEDES: April 21, 2006

PREPARED BY: Michael E. Elmore

D.O.T. SHIPPING CLASS: Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Ethylene Glycol Monobutyl Ether *	111-76-2	25 ppm Skin	25 ppm Skin	470 mg/kg	2-7%
Sodium Hydroxide *	1310-73-2	2 mg/m3 8 hr TWA	2 mg/m3 Ceiling	140 mg/kg	< 1%
Alkyl Polyglucoside	113976-90-2	NE	NE	> 5 g/kg	7-13%
Tetrasodium Ethylene Diamine Tetraacetic Acid	64-02-8	NE	NE	630 mg/kg	1-5%
Sodium Metasilicate	6834-92-0	NE	NE	800 mg/kg	1-5%
Ethoxylated Alcohol	68439-45-2	NE	NE	5100 mg/kg	1-5%

*Subject to reporting requirements of Section 313 of Title III of SARA and 40 CFR Part 372

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: > 200 F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.06

VAPOR PRESSURE mm/hg: 23 @ 70° F

VAPOR DENSITY (Air=1): 1.2

REACTIVITY IN WATER: None

pH 5% SOLUTION = 11.6

MELTING POINT: 32 F

APPEARANCE AND ODOR: Green Liquid, Glycol ether odor

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: > 200 F

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: ASTM D-56

LEL LOWER: NA

UEL UPPER: NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Water, Dry Chemical, Carbon Dioxide, Foam

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Acids

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: will NOT occur

CONDITIONS TO AVOID: NA

SECTION 6 – HEALTH HAZARDS

ACUTE: Eye burns, skin irritation

CHRONIC: Eye burns and skin irritation

SIGNS & SYMPTOMS OF EXPOSURE: Eye irritation or burns, skin irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

CARCINOGEN OR POTENTIAL CARCINOGENS: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:

EYES: Immediately flush with water for 15 minutes. Get medical attention immediately

SKIN: Wash thoroughly with water. Get medical attention if irritation persists.

INTERNAL: Drink water, do not induce vomiting, call a physician immediately

ROUTES OF ENTRY:

INHALATION: NA

EYES: Undiluted can cause irritation/burns

SKIN: Undiluted can cause skin irritation

INGESTION: Undiluted can cause stomach irritation

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: Store in a cool dry area. DO NOT FREEZE. Keep closed when not in use.

OTHER PRECAUTIONS: None

IN CASE OF SPILL: Shut off leak, Flush area with water. Large spill should be diked with earth then pumped to salvage tank.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NA

VENTILATION: Use adequate ventilation

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety glasses or goggles

OTHER: Waterproof suit and boots may be worn.

HYGIENIC PRACTICES: Wash thoroughly after handling

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

<u>CHEMICAL NAME:</u>	<u>C.A.S. NO.</u>
1. Water	7732-18-5
2. Alkyl Polyglucoside	113976-90-2
3. Ethylene Glycol Monobutyl Ether	111-76-2
4. Sodium Tripoly Phosphate	7758-29-4
5. Tetrasodium Ethylene Diamine Tetraacetic Acid	64-02-8
6. Sodium Hydroxide	1310-73-2
7. Sodium Metasilicate	6834-92-0
8. Ethoxylated Alcohol	68439-45-2

NA = Not Applicable

NE = None Established

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information herein is furnished without warranty of any kind.