

# MATERIAL SAFETY DATA SHEET

## 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: **MD-100 Concentrated Mesh Degreaser**  
Manufactured for: Lawson Screen Products, Inc. 5110 Penrose Street, Saint Louis, MO 63115 USA  
General Information: 314-382-9300  
Emergency Phone: CHEMTREC 1-800-424-9300  
MSDS Date: June 2006

## 2: COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS REG. NO.	OSHA TWA	OSHA STEL	ACGIH TLV	ACGIH STEL
Alkyl Aryl Polyethoxylate	9016-45-9	NE	NE	NE	NE

## 3: HAZARDS IDENTIFICATION

### EMERGENCY RESPONSE INFORMATION

HAZARDS, HMIS/NFPA: Toxicity=1, Fire=0, Reactivity=0

### HEALTH EFFECTS FROM OVEREXPOSURE

This Product is not believed to be a hazardous material under current Department of Labor definitions.

Eye Contact: Direct contact with material can cause severe irritation.

Skin Contact: Direct contact can cause slight irritation for short term exposure to severe irritation or sensitization after long term contact.

Inhalation: Inhalation of mist or spray can cause irritation to nose, throat and lungs.

## 4: FIRST AID MEASURES

Inhalation: Remove subject to fresh air.

Eye Contact: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact: Wash affected skin areas thoroughly with water. Apply skin cream. Consult physician if irritation persists.

Ingestion: If swallowed give 2 glasses of water to drink. Consult a physician immediately. Never give anything by mouth to an unconscious person.

## 5: FIRE FIGHTING MEASURES

### FIRE AND EXPLOSIVE PROPERTIES:

Flash Point: None TCC

Auto-ignition Temperature: None

Lower Explosion Limit: None

Upper Explosion Limit: None

Unusual Hazards: Combustible. Material will not burn but may spatter above boiling point.

Extinguishing Agents: Use extinguishing media appropriate for surrounding media. Use water spray to cool adjacent fire exposed containers to avoid rupture and spattering.

Personal Protective Equipment: As in any fire, wear self contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear to avoid exposure to fumes and vapors and to maintain TLV.

Special Procedures: None.

## 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Appropriate protective equipment must be worn when handling a spill of this material. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for appropriate actions. Procedures: Keep spectators away. Floor may be slippery; use care to avoid falling. Flush small spills to sewer using plenty of water. Contain large spills immediately with inert materials (e.g. sand, earth, absorbent). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

## 7: HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse.

Storage Conditions: Keep away from heat, sparks and open flame. Protect from freezing and storage temperatures above 120°F to insure material homogeneity. Keep Out of Reach of Children. Store upright in original closed container.

## 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: A respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use of this product does not require respiratory protection under normal operating conditions. Where vapors or mists may occur, wear a MSHA / NIOSH approved (or equivalent) half-mask air purifying respirator. Air purifying respirators should be equipped with organic vapor cartridges and dust and mist filters.

Eye Protection: Wear chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand Protection: Wear gloves resistant to water and detergent permeation.

Other Protection: None required.

### FACILITY CONTROL MEASURES:

Ventilation: Use normal room ventilation with a local exhaust or mechanical general ventilation at the point of use to minimize exposure.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

## 9: PHYSICAL AND CHEMICAL PROPERTIES - TYPICAL

State	Liquid	Vapor Pressure	17 mm Hg @ 20°C = 68°F Water
Appearance	Clear	Freezing Point	0°C = 32°F Water
Color	Colorless to light amber	Boiling Point	100°C = 212°F Water
Odor	Characteristic Detergent	Solubility in Water	Complete
Viscosity @ 75°F	Thin	Percent Volatility	>90%
pH as is	6.5 to 8.5	Evaporation Rate (BAC = 1)	< 1 Water
pH @ Use Dilution	6 - 8.0	VOC %	0%, = 0.0 Lbs/Gal
Specific Gravity @ 60°F	1.01	HAP %	0%
Density @ 60°F	8.38 Lbs/Gal	Available Alkalinity as Na <sub>2</sub> O	0 %
Vapor Density (Air = 1)	0.62 Water	Total Alkalinity as Na <sub>2</sub> O	0 %

### 10: STABILITY AND REACTIVITY

Instability: This material is considered stable.

Hazardous Decomposition Products: There are no known hazardous decomposition products for this material except for Carbon Dioxide, Carbon Monoxide if burned.

Hazardous Polymerization: This product will not undergo polymerization.

Incompatibility: This product is functionally not compatible with strong oxidizing agents.

### 11: TOXICOLOGICAL INFORMATION

Acute Data: Not Known

Sensitization Data: Not Known

Environmental Toxicity: None Known.

### 12: ECOLOGICAL INFORMATION

None Known

### 13: DISPOSAL CONSIDERATIONS

Procedure: Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

### 14: TRANSPORTATION INFORMATION

Proper Shipping Name: Cleaning Compound, Liquid

Hazard Class: Not DOT Hazardous

Identification No.: None

Packing Group: None

Label: None

Emergency Response Guide No.: None

RQ: None

### 15: REGULATORY INFORMATION

#### WORKPLACE CLASSIFICATIONS

This product is considered to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is not a 'controlled' product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

#### EMERGENCY PLANNING AND COMMUNITY RIGHT - TO KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40 CFR 370): This product is not a hazardous material under 29 CFR 1910.1200, and therefore is not covered by Title III of SARA.

Section 313 Information (40 CFR 372): This product does not contain a chemical which is listed in Section 313 at or above the de minimis concentrations.

### 15: REGULATORY INFORMATION (Continued)

CERCLA INFORMATION (40 CFR 302.4): Releases of this material to air, land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

CHEMICAL CONTROL LAW STATUS: All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### 16: OTHER SUPPLEMENTAL INFORMATION

#### ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
BAC	Butyl acetate
NE	Not Established
ND	Not Determined
NA	Not Applicable

The information contained herein pertains only to the specific material identified. Lawson Screen Products, Inc., believes that such information and recommendations set forth herein are accurate and reliable as of the date of this material safety data sheet, but Lawson Screen Products, Inc., makes no representation as to the completeness or accuracy thereof and supplies the information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will Lawson Screen Products, Inc., be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation, guarantee or warranty, either express or implied, is made hereunder as to the accuracy, reliability, completeness of the information, of merchantability, of fitness for a particular purpose or of any other nature, with respect to information or the product to which it refers.