

MATERIAL SAFETY DATA SHEET

PRODUCT Laidlaw Concentrated Laundry Degreaser



Division of Adco

HMIS HAZARD RATINGS:

Health 2
Flammability 2
Physical hazards 0

SECTION 1: PRODUCT INFORMATION

Manufacturer: Adco Cleaning Products LLC, 900 W. Main, Sedalia, MO 65301 (660) 826-3300
EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
Intended Product Use: Laundry additive
Synonyms: _____

SECTION 2: HAZARDOUS INGREDIENTS

| Chemical Name | % | CAS # | OSHA PEL | LD 50 |
|---------------------------------|-----|----------|------------|--|
| Ethylene glycol monobutyl ether | <20 | 111-76-2 | 25 ppm TWA | oral: 470 mg/kg (rat) dermal: 200 mg/kg (rat) |
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SECTION 3: PHYSICAL DATA

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|---|--|
| Appearance: <u>Clear liquid</u> | Boiling Point: <u>310 F</u> |
| Odor: <u>Slight glycol ether odor</u> | Solubility in Water: <u>Soluble</u> |
| Specific Gravity (20° C): <u>0.902</u> | Vapor Pressure (mm Hg): <u>0.6 mm Hg</u> |
| pH (20:80 in IPA/H2O Soln.): <u>No data</u> | Vapor Density: <u>4.1 (Air=1)</u> |

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

| | |
|---|---------------------------------------|
| Flash Point (Method)(°F): <u>157 (TOC)</u> | Upper Flammable Limit: <u>No data</u> |
| Extinguishing Media: <u>Carbon dioxide or dry chemical</u> | Lower Flammable Limit: <u>No data</u> |
| Special Fire Fighting Procedures: <u>Protective clothing</u> | |
| Unusual Fire and Explosion Hazards: <u>None in normal use</u> | |

SECTION 5: REACTIVITY DATA

| | |
|---|----------------------------------|
| Stability: <u>Stable</u> | Conditions to Avoid: <u>None</u> |
| Incompatibility (materials to avoid): <u>Avoid contamination with alkalis</u> | |
| Hazardous Decomposition Products: <u>None</u> | |
| Hazardous Polymerization: <u>Will not occur</u> | |

SECTION 6: HEALTH HAZARD DATA

| | |
|--|---|
| Toxicity (Estimated): <u>Low</u> | |
| Effects of Overexposure: | Acute: <u>Contact with the eyes, skin, or mucous membranes will cause skin irritation with possible burns and tissue destruction.</u> |
| | Chronic: <u>None known</u> |
| Carcinogenicity: <u>None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.</u> | |

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

| | | | |
|---|---|---|---|
| EXPOSURE LIMITS 25 ppm TWA (ethylene glycol monobutyl ether) | IRRITANCY OF PRODUCT Moderate eye and skin | SENSITIZATION TO PRODUCT None reported | CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA |
| TERATOGENICITY No effects reported | REPRODUCTIVE TOXICITY No effects reported | MUTAGENICITY None reported | SYNERGISTIC PRODUCTS None reported |

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Butyl rubber

Eye Protection: Mono goggles

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING: No special precautions

SPILL OR LEAK PROCEDURES: Flush with water to sewer.

WASTE DISPOSAL METHOD: Flush with water.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Use with adequate ventilation. Avoid prolonged breathing of vapors. Keep away from heat and open flames. Avoid contact with skin and eyes.

FIRST AID:

In case of contact, flush eyes for 15 minutes with water and get medical attention. Remove contaminated clothing. Flush skin with water. If swallowed, give 2 glasses of water and induce vomiting.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: Remove victim to fresh air.

Eyes: Flush with water for 15 minutes. Obtain medical attention.

Skin: Remove contaminated clothing. Flush skin with water.

Ingestion: Give 2 glasses of water. Induce vomiting.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does contain components which are under the reporting requirements of SARA Title III, Section 313. If you are required to report discharges using Form R, SARA Title III, Section 313, information is available on amounts of reportable quantities.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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