

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Degreaser

**OTHER MEANS OF IDENTIFICATION:** Not applicable.

**GENERAL USE:** For professional laundry use only.

**PRODUCT DESCRIPTION:** Laundry Degreaser.

### MANUFACTURER

Adco Professional Products LLC

1706 Ledo Rd.

Albany, GA 31707

**Product Information:** 800-821-7556 (USA  
& Canada only)

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Medical Emergency:** 866-303-6947 (USA & Canada  
only) or 651-632-9272

**Transportation Emergency:** 800-424-9300 (USA &  
Canada only) or 703-527-3887

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Liquids: Category 4

*LD50 > 2,000* Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 1

### GHS LABEL ELEMENTS

**Symbol(s):**



**Signal Word:** Warning

### Hazard Statements:

H227 - Combustible liquid.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

### Precautionary Statements:

P210 – Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P264 – Wash skin thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTER or doctor/physician.

P332+P313 – If skin irritation occurs: Get medical advice/ attention.

P362+P364 – Take off contaminated clothing and wash before reuse.

P370+P378 – In case of fire: Use water fog or fine spray, foam, carbon dioxide extinguishers, or dry chemical extinguishers for extinction.

P403+ P235 – Store in a well-ventilated place. Keep cool.

P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS</u>
Ethylene glycol monobutyl ether	30-40	111-76-2
Trade Secret #2	-	-

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### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** May cause discomfort and redness.

**SKIN:** May cause drying and local redness.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** No data available.

**INHALATION:** May be cause headaches and respiratory tract irritation.

**ADDITIONAL INFORMATION:** After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

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### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NFPA Class IIIA

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam, water spray or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spill with absorbent material and water, if necessary.

**LARGE SPILL:** Contain spill. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13).

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### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep away from heat, sparks and flame.

**HANDLING:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Store in labeled, tightly sealed containers in a cool, well-ventilated area.

**ELECTROSTATIC ACCUMULATION HAZARD:** Ground and bond containers when transferring material.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
Ethylene glycol monobutyl ether			TWA	50 <sup>[1]</sup>		
			STEL	NE <sup>[3]</sup>	NE	
Trade Secret #1			TWA	NE	NE	
			STEL	NE	NE	

#### TABLE FOOTNOTES:

1. Skin notation.
2. A3: Confirmed animal carcinogen with unknown relevance to humans.
3. NE=Not established.

The specific identities of one or more components of this product are withheld as a trade secret.

**ENGINEERING CONTROLS:** Not applicable.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields, or goggles.

**SKIN:** Neoprene or Barrier™ gloves.

**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**PROTECTIVE CLOTHING:** Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling. Do not eat or drink in work area.

**OTHER USE PRECAUTIONS:** Have eye wash station available. Do not wear contact lenses without eye protection.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Colorless.

**PHYSICAL STATE:** Liquid.

**COLOR:** Colorless.

**ODOR:** Glycol odor.

**ODOR THRESHOLD:** No data available.

**pH:** 3.5-4.5

**FREEZING POINT:** No data available.  
**INITIAL BOILING POINT:** No data available.  
**FLASHPOINT:** 63°C (145°F) (PM)  
**EVAPORATION RATE:** No data available.  
**FLAMMABILITY (Solid, Gas):** Not applicable, this product is a liquid at room temperature.  
**FLAMMABLE LIMITS:** No data available.  
**VAPOR PRESSURE:** No data available.  
**VAPOR DENSITY:** No data available.  
**RELATIVE DENSITY:** 0.978  
**SOLUBILITY IN WATER:** Forms emulsion.  
**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.  
**AUTOIGNITION TEMPERATURE:** No data available.  
**DECOMPOSITION TEMPERATURE:** No data available.  
**VISCOSITY:** 4 cP  
**PERCENT VOLATILE:** No data available.

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No.  
**CHEMICAL STABILITY:** Stable.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** Polymerization will not occur.  
**CONDITIONS TO AVOID:** High heat.  
**INCOMPATIBLE MATERIALS:** Strong oxidizers, strong alkalis.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Amines, ammonia, and irritating fumes.

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## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE:** Inhalation and skin.  
**ACUTE TOXICITY (ATE):**  
**DERMAL LD<sub>50</sub>:** > 2,000 mg/kg (rabbit)  
**ORAL LD<sub>50</sub>:** > 2,000 mg/kg (rat)  
**INHALATION LC<sub>50</sub>:** Insufficient data available.  
**CHRONIC**  
**TARGET ORGANS:** May cause damage to lungs with repeated or prolonged exposure.  
**SENSITIZATION:** Insufficient data available.  
**CARCINOGENICITY**  
**IARC:** Not listed as a carcinogen.  
**NTP:** Not listed as a carcinogen.  
**OSHA:** Not listed as a carcinogen.  
**OTHER:** No data available.  
**OTHER:** No data available.  
**REPRODUCTIVE EFFECTS:** Reduced fertility in rats at maternally toxic levels.  
**MUTAGENICITY:** Insufficient data available.  
**SYNERGISTIC MATERIALS:** No data available.  
**POTENTIAL HEALTH EFFECTS**  
**EYES:** May cause eye irritation.  
**SKIN:** May cause skin irritation.  
**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** May be harmful if swallowed.

**ASPIRATION HAZARD:** Not considered an aspiration hazard.

**INHALATION:** May be harmful if inhaled.

**MEDICAL CONDITIONS AGGRAVATED:** No data available.

**GENERAL COMMENTS:** Refer to Section 3 for additional information on potential health effects.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** A component of this product has moderate aquatic toxicity.

**PERSISTENCE AND DEGRADABILITY:** Components of this product are considered biodegradable.

**BIOACCUMULATIVE POTENTIAL:** Insufficient data available.

**MOBILITY IN SOIL:** Insufficient data available.

**OTHER ADVERSE EFFECTS:** No data available.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**EMPTY CONTAINER:** Not applicable.

**RCRA/EPA WASTE INFORMATION:** Contains material(s) that are ignitable wastes as defined by RCRA.

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## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated if shipped by ground (non-bulk).

**OTHER SHIPPING INFORMATION:** Not applicable.

### CANADA TRANSPORT OF DANGEROUS GOODS

**PROPER SHIPPING NAME:** Not regulated if shipped by ground (non-bulk).

**OTHER SHIPPING INFORMATION:** Not applicable.

### AIR (ICAO/IATA)

**PROPER SHIPPING NAME:** Combustible Liquid, NOS

**PRIMARY HAZARD CLASS/DIVISION:** Combustible Liquid

**UN/NA NUMBER:** UN1993

**PACKING GROUP:** III

**LABEL:** Consult applicable regulations governing air shipments.

**PLACARDS:** Consult applicable regulations governing air shipments.

**IATA NOTE:** Consult IATA for quantity limitations.

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## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

##### 311/312 HAZARD CATEGORIES:

**FIRE:** Yes. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.  
**CHRONIC:** No.

**313 REPORTABLE INGREDIENTS:** Ethylene glycol monobutyl ether is reportable.

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA RQ:** Not applicable.

**REPORTABLE SPILL QUANTITY:** Not applicable.

**RCRA STATUS:** See section 13.

**MEXICO**

Not regulated for transportation.

**STATE REGULATIONS**

**MASSACHUSETTS**

Contains one or more substances regulated by the Massachusetts Substance List.

**CALIFORNIA**

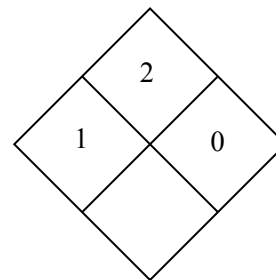
**PROPOSITION 65 STATEMENT:** This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

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**16. OTHER INFORMATION**

<b>HMIS RATINGS</b>	
HEALTH:	1
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS**



**SDS Revision Date:** July 7, 2015