SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Liquid Laundry Detergent
OTHER MEANS OF IDENTIFICATION: Not applicable.
GENERAL USE: For professional laundry and wet cleaning use only.
PRODUCT DESCRIPTION: Laundry Detergent

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
Acute Toxicity, Oral: Category 4
Eye Damage/Irritation: Category 1
Skin Corrosion/Irritation: Category 3
Carcinogenicity: Category 2

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Danger

Hazard Statements:
H302 – Harmful if swallowed.
H315 – Causes skin irritation.
H318 – Causes serious eye damage.
H351 – Suspected of causing cancer.

Precautionary Statements:
P264 – Wash thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear protective gloves and eye protection.
P301+P312+P330 – IF SWALLOWED: Call a POISON CENTER or doctor physician. Rinse mouth.
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338+P310 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P308+P313 – If exposed or concerned: Get medical advice/attention. P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.
P362+P364 – Take off contaminated clothing and wash before reuse.
Other Hazards: Not available.
Unknown Acute Toxicity: 49% of the ingredients in this product have unknown acute toxicity.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret #1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Trade Secret #2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>3-7</td>
<td>111-42-2</td>
</tr>
</tbody>
</table>

### 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:** Pain, tearing, redness.

**SKIN:** Irritation, pain, redness, and blistering.

**SKIN ABSORPTION:** No data available.

**INGESTION:** Gastrointestinal irritation, pain, nausea, and diarrhea.

**INHALATION:** Respiratory tract irritation.

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

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not applicable.

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

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, oxides of sulfur, hydrogen sulfide, oxides of nitrogen.

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

### 6. ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILL:** Contain spill. 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).

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Not applicable.
HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>ppm</td>
</tr>
<tr>
<td>Trade Secret #1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>NE[1]</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>STEL</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Trade Secret #2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>STEL</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>NE</td>
<td>1[2][3]</td>
<td></td>
</tr>
<tr>
<td>STEL</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

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

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: Nitrile or Barrier™ gloves.

RESPIRATORY: None required under ordinary conditions.

PROTECTIVE CLOTHING: Where contact is likely, wear 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear.

PHYSICAL STATE: Liquid.

COLOR: Light yellow.

ODOR: Lemon-citrus.

ODOR THRESHOLD: No data available.
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.
HAZARDOUS DECOMPOSITION PRODUCTS: Burning produces toxic, irritating fumes.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Skin.
ACUTE TOXICITY (ATE)
  DERMAL LD₅₀: Insufficient data available.
  ORAL LD₅₀: Insufficient data available.
  INHALATION LC₅₀: Insufficient data available.
CHRONIC TOXICITY
  TARGET ORGANS: No data available.
  SENSITIZATION: Insufficient data available.
CARCINOGENICITY
  IARC: A component of this product is classified as Group 2B (Possibly carcinogenic to humans).
  NTP: Not listed as a carcinogen.
  OSHA: Not listed as a carcinogen.
  OTHER: ACGIH: A3. A component of this product is a confirmed animal carcinogen with unknown relevance to humans.
  OTHER: No data available.
REPRODUCTIVE EFFECTS: Insufficient data available.
MUTAGENICITY: Insufficient data available.
SYNERGISTIC MATERIALS: No data available.
POTENTIAL HEALTH EFFECTS
EYES: Causes serious eye damage.
SKIN: Insufficient data available.
SKIN ABSORPTION: Insufficient data available.
INGESTION: Harmful if swallowed. May cause burns to mouth, throat and stomach.
ASPIRATION HAZARD: No.
INHALATION: Not a route of exposure under normal conditions.
MEDICAL CONDITIONS AGGRAVATED: No data available.

12. ECOLOGICAL INFORMATION
   ECOTOXICITY: A component of this product has moderate aquatic toxicity.
PERSISTENCE AND DEGRADABILITY: No data available.
BIOACCUMULATIVE POTENTIAL: No data available.
MOBILITY IN SOIL: No data available.
OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS
   DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.
   EMPTY CONTAINER: Do not cut or weld empty drums.
   RCRA/EPWASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

14. TRANSPORT INFORMATION
   DOT (DEPARTMENT OF TRANSPORTATION)
   PROPER SHIPPING NAME: Not regulated.
   OTHER SHIPPING INFORMATION: Not applicable.
   CANADA TRANSPORT OF DANGEROUS GOODS
   PROPER SHIPPING NAME: Not regulated.
   OTHER SHIPPING INFORMATION: Not applicable.
   AIR (ICAO/IATA)
   PROPER SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION
   UNITED STATES
   SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
   311/312 HAZARD CATEGORIES:
   FIRE: No. PRESSURE GENERATING: No. REACTIVITY: No. ACUTE: Yes. CHRONIC: Yes.
   313 REPORTABLE INGREDIENTS: Not applicable.
   CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
   CERCLA RQ: Not applicable.
   REPORTABLE SPILL QUANTITY: Not applicable.
   RCRA STATUS: See section 13.
   MEXICO
   Not applicable.
   STATE REGULATIONS
**MASSACHUSETTS**
Contains one or more substances regulated by the Massachusetts Substance List.

**CALIFORNIA**
PROPOSITION 65 STATEMENT: This product contains a small amount of diethanolamine, which is known to the state of California to cause cancer.

### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS RATINGS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>1</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>B</td>
</tr>
</tbody>
</table>

**SDS Revision Date:** August 6, 2015