SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Leathersheen II
OTHER MEANS OF DETECTION: Not applicable.
GENERAL USE: For professional drycleaning use only.
PRODUCT DESCRIPTION: Detergent for drycleaning leathers and suedes.

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
Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 2
Carcinogenicity: Category 2
Reproductive Toxicity: Category 1B

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Danger

Hazard Statements:
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H351 – Suspected of causing cancer.
H360 – May damage fertility or the unborn child.

Precautionary Statements:
P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood.
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, if present and easy to do. Continue rinsing.
P308+P313 – IF exposed or concerned: Get medical advice/attention.
P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.
P337+P313 – IF eye irritation persists: Get medical advice/attention.
P362+P364 – Take off contaminated clothing and wash before reuse.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Not available.
Unknown Acute Toxicity: Not applicable.

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>Trade Secret #3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Trade Secret #4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hexylene glycol</td>
<td>&lt;5</td>
<td>107-41-5</td>
</tr>
<tr>
<td>Trade Secret #5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>&lt;1</td>
<td>111-42-2</td>
</tr>
</tbody>
</table>

COMMENTS: None.

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 soap and 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: Irritation, pain, burning sensation, tearing, redness, swelling, and blurred vision.

SKIN: Irritation, redness, burning sensation, swelling, blisters, drying, and cracking.

SKIN ABSORPTION: No data available.

INGESTION: Nausea, cramps, vomiting, and diarrhea.

INHALATION: Respiratory tract irritation, coughing, and sore throat.

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: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Burning produces amines, ammonia, and other irritating compounds.

FIRE FIGHTING EQUIPMENT: Not applicable.
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). Do not flush to sewer. Avoid contamination of ground and surface waters.

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)**

<table>
<thead>
<tr>
<th></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>Trade Secret #3</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>Trade Secret #4</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>Hexylene glycol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>25</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 #5</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>NE</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:** Good general ventilation should be sufficient to control airborne levels.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses with side shields, or goggles.
SKIN: Nitrile or Barrier™ gloves.
RESPIRATORY: None required under normal conditions.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES
   APPEARANCE: Clear to hazy.
   PHYSICAL STATE: Liquid.
   COLOR: Red/brown.
   ODOR: Bland.
   ODOR THRESHOLD: No data available.
   pH: 7-8 (20:80 in IPA/H₂O Soln.)
   FREEZING POINT: No data available.
   INITIAL BOILING POINT: No data available.
   FLASHPOINT: >110°C (230 °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: 0.939
   SOLUBILITY IN WATER: Dispersible.
   PARTITION COEFFICIENT (Log K_{ow}): No data available.
   AUTOIGNITION TEMPERATURE: Not available.
   DECOMPOSITION TEMPERATURE: No data available.
   VISCOSITY: 109 sec. Zahn #2
   PERCENT VOLATILE: ~4

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 and alkalis.
    HAZARDOUS DECOMPOSITION PRODUCTS: Burning produces amines, ammonia, and other irritating, toxic compounds.

11. TOXICOLOGICAL INFORMATION
    ROUTES OF ENTRY: Skin.
    ACUTE TOXICITY (ATE)
    DERMAL LD₅₀: Insufficient data available.
**ORAL LD_{50}:** > 2,000 mg/kg (rat)

**INHALATION LC_{50}:** Insufficient data available.

**CHRONIC TOXICITY**

**TARGET ORGANS:** A minor component of this product caused liver and kidney effects in laboratory animals.

**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: A component of this product is classified as A3 (Confirmed animal carcinogen with unknown relevance to humans).

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** Insufficient data available.

**MUTAGENICITY:** Insufficient data available.

**SYNERGISTIC MATERIALS:** None known.

**POTENTIAL HEALTH EFFECTS**

- **EYES:** Insufficient data available.
- **SKIN:** Prolonged or repeated contact may cause dermatitis.
- **SKIN ABSORPTION:** No data available.
- **INGESTION:** May cause vomiting. In the case of vomiting, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information.
- **ASPIRATION HAZARD:** There is insufficient data available to classify this product as an aspiration hazard. Follow the precautions under INGESTION.
- **INHALATION:** May be harmful if inhaled.

**MEDICAL CONDITIONS AGGRAVATED:** Eye, skin, and respiratory conditions.

---

**12. ECOLOGICAL INFORMATION**

- **ECOTOXICITY:** A component of this product has moderate aquatic toxicity.
- **PERSISTENCE AND DEGRADABILITY:** A component of this product is not readily biodegradable.
- **BIOACCUMULATIVE POTENTIAL:** Insufficient data available.
- **MOBILITY IN SOIL:** Insufficient data available.
- **OTHER ADVERSE EFFECTS:** No data available.

---

**13. DISPOSAL CONSIDERATIONS**

- **DISPOSAL METHOD:** Incinerate or dispose of in accordance with federal, state, and local regulations.
- **EMPTY CONTAINER:** Not applicable.
- **RCRA/EPA WASTE INFORMATION:** Contains no material(s) that are considered hazardous wastes as defined by RCRA.

---

**14. TRANSPORT INFORMATION**

- **DOT (DEPARTMENT OF TRANSPORTATION)**
  - **PROPER SHIPPING NAME:** Not regulated.
  - **OTHER SHIPPING INFORMATION:** Not applicable.
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: None.
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
This product contains a component that is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

16. OTHER INFORMATION

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

SDS Revision Date: September 14, 2015