

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Soft Kleen Xtra

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

**PRODUCT DESCRIPTION:** Drycleaning 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

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Skin Corrosion/Irritation: Category 2

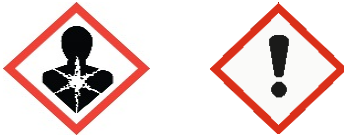
Serious Eye Damage/Irritation: Category 2

Carcinogenicity: Category 2

Reproductive Toxicity: 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.

P260 – Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

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.

P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

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

P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.

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.  
 P337+P313 – If eye irritation persists: Get medical advice/attention.  
 P308+P313 – IF exposed or concerned: Get medical advice/attention.  
 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 identity of one or more components of this product are withheld as a trade secret.

| <u>Chemical Name</u> | <u>Wt.%</u> | <u>CAS</u> |
|----------------------|-------------|------------|
| Sodium hydroxide     | 1 - 5       | 1310-73-2  |
| Trade Secret #1      | -           | -          |
| Trade Secret #2      | -           | -          |
| Trade Secret #3      | -           | -          |
| Trade Secret #4      | -           | -          |
| Trade Secret #5      | -           | -          |
| Trade Secret #6      | -           | -          |
| Diethanolamine       | <0.3        |            |

**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:** Severe irritation. May cause stinging, tearing and redness.

**SKIN:** Irritation, redness, burning sensation, drying, itching.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May cause nausea, vomiting, diarrhea, and disturbances of consciousness.

**INHALATION:** May cause irritation to respiratory tract.

**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:** Not applicable.

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

**HAZARDOUS COMBUSTION PRODUCTS:** No data available.

**FIRE FIGHTING EQUIPMENT:** Not applicable.

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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). Do not flush to sewer. Avoid contamination of ground and surface waters.

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## 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.

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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> |
| Trade Secret #1 | <b>TWA</b>             | NE <sup>[1]</sup>       |                  | NE                      |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | NE                      |                     |                         |
| Trade Secret #2 | <b>TWA</b>             | NE                      |                  | NE                      |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | NE                      |                     |                         |
| Trade Secret #3 | <b>TWA</b>             | NE                      |                  | 100                     |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | 150                     |                     |                         |
| Trade Secret #4 | <b>TWA</b>             | NE                      |                  | NE                      |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | NE                      |                     |                         |
| Trade Secret #5 | <b>TWA</b>             | NE                      |                  | NE                      |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | NE                      |                     |                         |
| Trade Secret #6 | <b>TWA</b>             | NE                      |                  | NE                      |                     |                         |
|                 | <b>STEL</b>            | NE                      |                  | NE                      |                     |                         |

|                |             |    |                     |
|----------------|-------------|----|---------------------|
|                | <b>STEL</b> | NE | NE                  |
| Diethanolamine | <b>TWA</b>  | NE | 1 <sup>[2][3]</sup> |
|                | <b>STEL</b> | NE | NE                  |

**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:** 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear.

**PHYSICAL STATE:** Liquid.

**COLOR:** Light amber.

**ODOR:** Bland.

**ODOR THRESHOLD:** No data available.

**pH:** 5.5-6.0

**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:** Heavier than air.

**RELATIVE DENSITY:** 1.024

**SOLUBILITY IN WATER:** Insoluble.

**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.

**AUTOIGNITION TEMPERATURE:** Not available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** No data available.

**PERCENT VOLATILE:** ~37

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**CHEMICAL STABILITY:** Stable.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Polymerization will not occur.

**CONDITIONS TO AVOID:** Storage temperatures above 120°F.

**INCOMPATIBLE MATERIALS:** Acids and strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning produces toxic, irritating vapors.

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## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF ENTRY:** Skin, eyes, inhalation.

### 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 TOXICITY

**TARGET ORGANS:** A component of this product caused species specific hematological and kidney changes in certain lab animals. In rare cases excessive exposure to this component may cause central nervous system effects.

**SENSITIZATION:** Insufficient data available.

### CARCINOGENICITY:

**IARC:** A component of this product is classified as 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:** Severe irritation and possible injury.

**SKIN:** Prolonged or repeated exposure may cause dermatitis.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** Ingestion of large doses may cause central nervous system depression with collapse coma and death in cases of severe overexposure.

**ASPIRATION HAZARD:** Insufficient data available.

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

**MEDICAL CONDITIONS AGGRAVATED:** Asthma and kidney conditions.

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Component of this product are considered moderately toxic.

**PERSISTENCE AND DEGRADABILITY:** All components are readily or inherently biodegradable.

**BIOACCUMULATIVE POTENTIAL:** Insufficient data available.

**MOBILITY IN SOIL:** Components of this product have high mobility.

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

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**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 listed by RCRA as a hazardous waste.

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**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

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**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 available.

**RCRA STATUS:** See section 13.

**MEXICO**

Not applicable.

**STATE REGULATIONS****MASSACHUSETTS**

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

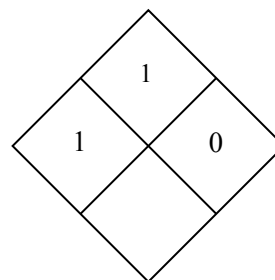
**CALIFORNIA**

**PROPOSITION 65 STATEMENT:** This product contains a trace amount of diethanolamine, which is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

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**16. OTHER INFORMATION**

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

**NFPA RATINGS**

**SDS Revision Date:** June 30, 2015