# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Merit

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

**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

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Acute Toxicity – Oral: Category 4
Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Irritation: Category 1
Specific Target Organ Toxicity (STOT-SE): Respiratory Tract Irritation: Category 3

### GHS LABEL ELEMENTS

**Symbol(s):**

**Signal Word:** Danger

**Hazard Statements:**

H304 – May be fatal if swallowed and enters airways.
H314 – Causes severe skin burns and eye damage.
H318 – Causes serious eye damage.
H335 – May cause respiratory irritation.

**Precautionary Statements:**

P261 – Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 – Wash skin thoroughly after handling.
P270 – Do not eat, drink, or smoke when using this product.
P271 – Use only outdoors or in well-ventilated areas.
P280 – Wear protective gloves/protective clothing/eye protection/ face protection.
P301+P312+P330 – IF SWALLOWED: Call a POISON CENTER or doctor/physician IF you feel unwell. Rinse mouth.
P302+P352 – IF ON SKIN: Was with plenty of soap and water.

P304+P340+P312 – IF INHALED: Remove person to fresh air and keep at rest in a comfortable position for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338+P310 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if, if present and easy to do. Continue rinsing. 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.
P403+P233 – Store in a well-ventilated place. Keep container tightly closed.
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.**

| Chemical Name | Wt.% | CAS# |
|---|---|---|
| Trade Secret #1 | - | - |
| Trade Secret #2 | - | - |
| Trade Secret #3 | - | - |
| Trade Secret #4 | - | - |
| Trade Secret #5 | - | - |
| Trade Secret #6 | - | - |
| Trade Secret #7 | - | - |

**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:** Stinging, tearing, redness, swelling, blurred vision,

**SKIN:** Irritation, redness, drying, pain.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** Nausea, vomiting.

**INHALATION:** Dizziness, headaches, and respiratory 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:** NFPA Class IIIB

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

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

**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. 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)**

| | | EXPOSURE LIMITS | | | | | |
|---|---|---|---|---|---|---|---|
| | | OSHA PEL | | ACGIH TLV | | Supplier OEL | |
| | | ppm | mg/m$^3$ | ppm | mg/m$^3$ | ppm | mg/m$^3$ |
| Trade Secret #1 | **TWA** | NE[1] | | NE | | | |
| | **STEL** | NE | | NE | | | |
| Trade Secret #2 | **TWA** | | 5 | | 5 | | |
| | **STEL** | | NE | | 10 | | |
| Trade Secret #3 | **TWA** | NE | | NE | | | |
| | **STEL** | NE | | NE | | | |
| Trade Secret #4 | **TWA** | 100[2] | | 100[2] | | | |
| | **STEL** | NE | | 150 | | | |
| Trade Secret #5 | **TWA** | NE | | NE | | | |
| | **STEL** | NE | | NE | | | |
| Trade Secret #6 | **TWA** | NE | | NE | | | |
| | **STEL** | NE | | NE | | | |
| Trade Secret #7 | **TWA** | NE | | NE | | | |
| | **STEL** | NE | | NE | | | |

**TABLE FOOTNOTES:**

1. NE=Not established.
2. 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:** Not expected to require respirator usage. 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:** Clear.

**PHYSICAL STATE:** Liquid.

**COLOR:** Light yellow.

**ODOR:** Bland.

**ODOR THRESHOLD:** No data available.

**pH:** 5.5-6.0

**FREEZING POINT:** No data available.

**INITIAL BOILING POINT:** No data available.

**FLASHPOINT:** 100°C (212°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:** 0.93

**SOLUBILITY IN WATER:** Not miscible.

**PARTITION COEFFICIENT (Log $K_{ow}$):** No data available.

**AUTOIGNITION TEMPERATURE:** Not available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** No data available.

**PERCENT VOLATILE:** ~11

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**CHEMICAL STABLITY:** Stable.

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

**CONDITIONS TO AVOID:** Elevated temperatures.

**INCOMPATIBLE MATERIALS:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

## 11. TOXICOLOGICAL INFORMATION

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

**ACUTE TOXICITY (ATE)**

**DERMAL $LD_{50}$:** Insufficient data available.

**ORAL $LD_{50}$:** 1,400 mg/kg (rat)

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

**CHRONIC TOXICITY**

**TARGET ORGANS:** Insufficient data available.

**SENSITIZATION:** Insufficient data available.

**CARCINOGENICITY:**

**IARC:** Not listed as a carcinogen.

**NTP:** Not listed as a carcinogen.

**OSHA:** Not listed as a carcinogen.

**OTHER:** Not applicable.

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** Insufficient data available.

**MUTAGENICITY:** Insufficient data available.

**SYNERGISTIC MATERIALS:** None known.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes serious eye damage.

**SKIN:** Insufficient data available.

**SKIN ABSORPTION:** Insufficient 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:** Insufficient data available.

## 12. ECOLOGICAL INFORMATION

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

**PERSISTENCE AND DEGRADABILITY:** Insufficient data available.

**BIOACCUMULATIVE POTENTIAL:** Insufficient data available.

**MOBILITY IN SOIL:** No 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 listed by RCRA as a hazardous waste.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not applicable
**OTHER SHIPPING INFORMATION:** Not applicable.

**CANADA TRANSPORT OF DANGEROUS GOODS**

**PROPER SHIPPING NAME:** Not applicable.
**OTHER SHIPPING INFORMATION:** Not applicable.

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** 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:** No.
**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 transport.

**STATE REGULATIONS**

**MASSACHUSETTS**

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

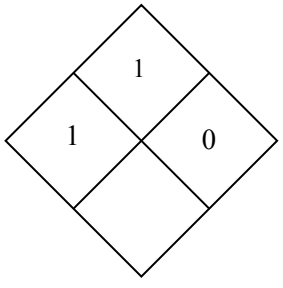
**CALIFORNIA**

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

## 16. OTHER INFORMATION

| HMIS RATINGS | |
|---|---|
| HEALTH: | 1 |
| FLAMMABILITY: | 1 |
| REACTIVITY: | 0 |
| PERSONAL PROTECTION: | B |

**NFPA RATINGS**

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