

# SAFETY DATA SHEET

---

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Laidlaw Collar Solution

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

**PRODUCT DESCRIPTION:** Collar and Cuff Pre-spotter

**MANUFACTURER**

Adco Professional Products LLC  
1706 Ledo Rd.  
Albany, GA 31707

**Product Information:** 800-323-7206 (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/Irritation: Category 1

Specific Target Organ Toxicity (STOT-SE) Respiratory Tract Irritation: Category 3

### GHS LABEL ELEMENTS

**Symbol(s):**



**Signal Word:** Danger

### Hazard Statements:

H315 – Causes skin irritation.

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.

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

P271 – Use only outdoors or in a well-ventilated area.

P302+P352 – IF ON SKIN: wash 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/doctor/physician.

P332+P313 – IF ON SKIN: 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 identities of one or more components of this product are withheld as a trade secret.

<b>Chemical Name</b>	<b>Wt.%</b>	<b>CAS</b>
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:** Severe discomfort and irritation.

**SKIN:** Redness, irritation. Prolonged or repeated contact can result in drying of skin and dermatitis.

**SKIN ABSORPTION:** Direct contact may cause skin irritation.

**INGESTION:** May be harmful if swallowed and cause burns to mouth, throat, and lungs.

**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.

---

## 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.

**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).

---

## 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)**

	<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		NE		
	<b>STEL</b>	NE		NE		
(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
(Trade Secret #7)	<b>TWA</b>	NE	NE
	<b>STEL</b>	NE	NE

**TABLE FOOTNOTES:**

1. NE=Not established.

**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:** 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.

**PHYSICAL STATE:** Liquid.

**COLOR:** Slight yellow.

**ODOR:** Citrus/slight ammonia.

**ODOR THRESHOLD:** No data available.

**pH:** 9.0-9.5

**FREEZING POINT:** <0°C (32°F)

**INITIAL BOILING POINT:** 100°C (212°F)

**FLASHPOINT:** >230 (TCC).

**EVAPORATION RATE:** No data available.

**FLAMMABILITY (Solid, Gas):** Not applicable, this product is a liquid at room temperature.

**FLAMMABLE LIMITS:** 28% ammonia (upper), 15% ammonia (lower).

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** Lighter than air.

**RELATIVE DENSITY:** 1.003

**SOLUBILITY IN WATER:** Miscible.

**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:** No data available.

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** No

**CHEMICAL STABILITY:** Stable.

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

**CONDITIONS TO AVOID:** Heat, sunlight, incompatibles, sources of ignition.

**INCOMPATIBLE MATERIALS:** Heavy metals, acids, halogens, copper, salts, and aluminum.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Ammonia on heating, carbon dioxide, carbon monoxide.

---

**11. TOXICOLOGICAL INFORMATION**

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

**ACUTE TOXICITY (ATE)**

**DERMAL LD<sub>50</sub>:** Insufficient data available.

**ORAL LD<sub>50</sub>:** Insufficient data available.

**INHALATION LC<sub>50</sub>:** Insufficient data available.

**CHRONIC**

**TARGET ORGANS:** A component of this product has caused hemolysis of blood in rats; not considered relevant to humans. Components of this product caused liver and kidney effects in lab animals; the relevance to humans is unknown. May cause effects to skin and respiratory system.

**SENSITIZATION:** Insufficient data available.

**CARCINOGENICITY:**

**IARC:** A component of this product is listed as a possible carcinogen.

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

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

**OTHER:** No data available.

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** A component of this product showed reduced fertility at maternally toxic levels.

**MUTAGENICITY:** Non mutagenic.

**SYNERGISTIC MATERIALS:** None known.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes serious eye damage. Corrosive.

**SKIN:** Causes skin irritation.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** Harmful if swallowed. May cause burns to mouth, throat, and stomach.

**ASPIRATION HAZARD:** Insufficient data available.

**INHALATION:** Insufficient data available.

**MEDICAL CONDITIONS AGGRAVATED:**

---

**12. ECOLOGICAL INFORMATION**

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

**PERSISTENCE AND DEGRADABILITY:** Insufficient 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:** 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 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:** 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 applicable.

#### STATE REGULATIONS

##### MASSACHUSETTS

Contains no substances regulated by the Massachusetts Substance List.

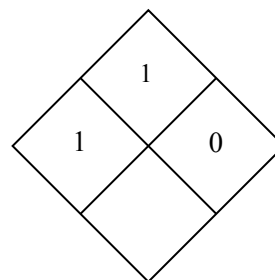
##### CALIFORNIA

**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**

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

**NFPA RATINGS****SDS Revision Date:** September 14, 2015