

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.

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: 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/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
(Trade Secret #1)	TWA	NE ^[1]		NE		
	STEL	NE		NE		
(Trade Secret #2)	TWA	NE		NE		
	STEL	NE		NE		
(Trade Secret #3)	TWA	NE		NE		
	STEL	NE		NE		
(Trade Secret #4)	TWA	NE		NE		
	STEL	NE		NE		
(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.

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_{ow}): 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 LD₅₀: Insufficient data available.

ORAL LD₅₀: Insufficient data available.

INHALATION LC₅₀: 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

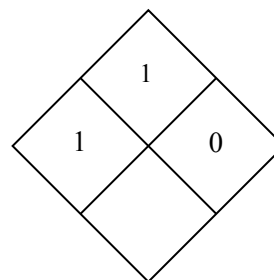
Contains no substances regulated by the Massachusetts Substance List.

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

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

NFPA RATINGS

SDS Revision Date: September 14, 2015