

MATERIAL SAFETY DATA SHEET

PRODUCT _____

Swan-Cote

Laidlaw

Division of Adco

HMIS HAZARD RATINGS*

Health	2
Flammability	4
Physical hazards	1

SECTION 1: PRODUCT INFORMATION

Manufacturer: Adco Cleaning Products LLC, 900 W. Main, Sedalia, MO 65301 (660) 826-3300

EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)

Intended Product Use: Fabric Protectant

Synonyms: _____

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Acetone	35-40	67-64-1	750 ppm TWA	
Heptane	25-30	142-82-5	500 ppm	
Butane	15-20	106-97-8	800 ppm TWA	
Propane	10-15	74-98-6	1000 ppm TWA	

SECTION 3: PHYSICAL DATA

Appearance: Aerosol spray
Odor: Solvent
Specific Gravity (20° C): Not determined
pH: No data

Boiling Point: No data
Solubility in Water: No data
Vapor Pressure (mm Hg): No data
Vapor Density: Not determined

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): Not determined Upper Flammable Limit: 12.80%
Lower Flammable Limit: 1.20%
Extinguishing Media: Alcohol foam, CO2, Dry chemical, foam or water fog
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build up and possible autoignition or explosion when exposed to extreme heat.
Unusual Fire and Explosion Hazards: Material is highly volatile and readily gives off vapors which may travel along the ground and be ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharges or other ignition source distant from the handling point.

SECTION 5: REACTIVITY DATA

Stability: Stable Conditions to Avoid: Heat, sparks or open flames
Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents, strong alkalis and strong mineral acids. caustic soda, caustic potash, or oxidizers as they may react violently.
Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide and traces of phosgene gas
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slightly toxic
Effects of Overexposure: Acute: Can cause severe irritation and burning in eyes and on skin. Contact can cause frostbite. Breathing high concentrations can cause dizziness, headache, nausea and loss of coordination. Continued inhalation may lead to unconsciousness and death. An asphyxiate.
Chronic: May result in kidney and liver damage.
Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS 500 ppm (Heptane), 750 ppm TWA (Acetone), 800 ppm TWA (Butane), 1000 ppm TWA (Propane)	IRRITANCY OF PRODUCT Severe eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA
TERATOGENICITY No effects reported	REPRODUCTIVE TOXICITY No effects reported	MUTAGENICITY None reported	SYNERGISTIC PRODUCTS None reported

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: If necessary, use OSHA/NIOSH approved respirator.

Ventilation: General ventilation may be adequate for maintaining airborne concentrations below established exposure limits. If general ventilation is inadequate, supplemental local exhaust may be required. Where explosive mixture may be present, systems safe for such locations should be used.

Protective Gloves: Chemical resistant gloves are recommended.

Eye Protection: Chemical safety glasses or goggles.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING:

Keep containers tightly closed. Isolate from heat, sparks and open flames. Closed containers may explode when exposed to extreme heat. Do not store in direct sunlight, near open flames/sparks or at temperatures exceeding 120°F.

SPILL OR LEAK PROCEDURES:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Ventilate area and eliminate all ignition sources. Clean up with inert materials and dispose of in accordance with all local, state and federal regulations. Do not discharge effluent of this product into lakes, streams or other waters.

WASTE DISPOSAL METHOD:

Dispose of this product in accordance with all local, state, and federal regulations. Empty aerosol containers may be disposed of through normal channels. Full or partially full containers are considered hazardous waste and must be disposed of accordingly.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

EXTREMELY FLAMMABLE - CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Do not expose to heat or open flames or store at temperatures over 120°F. Avoid spraying into eyes or onto skin.

FIRST AID:

Remove person overcome by vapors to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. Flush eyes for at least 20 minutes with large amounts of water. Wash off of skin with soap and water. If swallowed, do NOT induce vomiting. Immediately drink two glasses of water and get medical attention.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: Remove persons overcome by vapors to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Eyes: Flush with large amounts of water for at least 20 minutes, lifting upper and lower lids occasionally. Get medical attention.

Skin: Thoroughly wash exposed skin with soap and water.

Ingestion: If swallowed, DO NOT induce vomiting. Immediately drink two glasses of water. Never give anything to an unconscious person. Get medical attention.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does contain components which are under the reporting requirements of SARA Title III, Section 313. If you are required to report discharges using Form R, SARA Title III, Section 313, information is available on amounts of reportable quantities.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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