

MATERIAL SAFETY DATA SHEET

PRODUCT

Deodorizer

Laidlaw

Division of Adco

HMIS HAZARD RATINGS*

Health	1
Flammability	3
Physical hazards	0

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: Deodorant Concentrate

Synonyms: None

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Isopropyl alcohol	<10	67-63-0	400 ppm TWA	oral: 4.7 g/kg (rat) dermal: 12.87 g/kg (rabbit)

SECTION 3: PHYSICAL DATA

Appearance: Light yellow liquid
Odor: Minty/medicine-like
Specific Gravity (20° C): 0.990
pH (Straight): 7.00

Boiling Point: No data
Solubility in Water: Soluble
Vapor Pressure (mm Hg): No data
Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 95 (TCC)
Upper Flammable Limit: No data
Lower Flammable Limit: No data
Extinguishing Media: Dry chemical, carbon dioxide, foam, water fog or other media for class B fires.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Cool fire exposed containers with water spray to keep from bursting.
Unusual Fire and Explosion Hazards: Vapors may travel along floor and form combustible mixture with air. Combustion products may be toxic.

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Use or storage at temperatures above 120°F.
Incompatibility (materials to avoid): Strong oxidizers and alkali
Hazardous Decomposition Products: Burning may produce toxic vapors.
Hazardous Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slight
Effects of Overexposure: Acute: Exposure to high concentrations of vapors may cause headaches, nausea, dizziness or nose, throat or eye irritation. Contact with eyes, prolonged or repeated contact with skin may cause irritation. Harmful if swallowed.
Chronic: None known.
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 400 ppm TWA (isopropyl alcohol)	IRRITANCY OF PRODUCT Slight 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: None required when used as directed with adequate ventilation.

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Ordinarily not needed.

Eye Protection: Use goggles or face mask if splashing is likely.

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

STORAGE AND HANDLING: Store in plastic containers and use plastic pump. Keep away from heat and open flames.

SPILL OR LEAK PROCEDURES: Flush small spills to the sewer. Soak up large spills on absorbent material and shovel into containers for disposal.

WASTE DISPOSAL METHOD: Completely biodegradable. Dispose of material and container in compliance with all local, state, and federal regulations for combustible wastes.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

May cause irritation if splashed into eyes or on prolonged contact with skin. Keep away from heat and open flames.

FIRST AID:

Flush eyes for 15 minutes with water. Wash off of skin with soap and water. If swallowed, give large amounts of water. Do NOT induce vomiting.

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: No treatment necessary.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: If swallowed, DO NOT induce vomiting.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does not contain components which are under the reporting requirements of SARA Title III, Section 313.

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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