

MATERIAL SAFETY DATA SHEET

PRODUCT Pull Out Premium

Laidlaw

HMIS HAZARD RATINGS[†]

Health * 2
Flammability 2
Physical hazards 1

Adco™

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: Aerosol spot remover
Synonyms: _____

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Methylene chloride	>75	75-09-2	25 ppm TWA	oral: 1600 mg/kg (rat)
Dimethoxymethane	1-10	109-87-5	1000 ppm TWA	oral: 6653 mg/kg (rat)
Hydrated amorphous silica	1-10	112926-00-8	6 mg/m ³	No data
Liquified petroleum gas	20-25	68476-86-8	1000 ppm TWA	No data

SECTION 3: PHYSICAL DATA

Appearance: Clear liquid
Odor: Ether-like
Specific Gravity (20° C): 1.3
pH: No data
Boiling Point: 104 °F
Solubility in Water: Insoluble
Vapor Pressure (mm Hg): 70 psi
Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 156 (TCC)
Upper Flammable Limit: No data
Lower Flammable Limit: No data
Extinguishing Media: Use water mist, foam, carbon dioxide, or dry chemical
Special Fire Fighting Procedures: Water may be used to cool cans near heat.
Unusual Fire and Explosion Hazards: Cans exposed to high temperatures may rupture. Hazardous decomposition products include carbon dioxide, carbon monoxide, hydrogen chloride, and phosgene.

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: High heat
Incompatibility (materials to avoid): Avoid contact with aluminum equipment. Aluminum catalyzed gases may rupture confined spaces with explosive force. Avoid mixing with caustic soda, caustic potash, or oxidizers as they may react violently.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chloride, and phosgene
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slightly toxic
Effects of Overexposure: Acute: Causes moderate irritation in eyes. Contact with skin can cause severe irritation. Mist can cause respiratory irritation. May cause irritation to throat and mouth.
Chronic: None reported on mixture. Test with laboratory animals on methylene chloride components has caused liver and kidney toxic effects at high chronic exposure incidents.
Carcinogenicity: Methylene chloride component rated IARC - "2B", probable with NTP - animal carcinogen on CA list

[†]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 25 ppm TWA (methylene chloride, 1000 ppm TWA (dimethoxymethane, liquified petroleum gas), 6 mg/m ³ (hydrated amorphous silica)	IRRITANCY OF PRODUCT Moderate eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY Methylene chloride component rated IARC - "2B", probable NTP, animal carcinogen on CA list
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: Use adequate ventilation.

Protective Gloves: Neoprene 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:

Contents under pressure. Store in cool, dry, ventilated area. At storage temperatures above 120°F, cans may leak or rupture, releasing vapors which are flammable and could lead to fire or explosion if allowed to accumulate.

SPILL OR LEAK PROCEDURES:

Stop spill at source. Contain material by collecting into a salvage tank or by using an inert absorbent.

WASTE DISPOSAL METHOD:

Dispose of this product in accordance with all local, state, and federal regulations.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Do not expose to heat 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 15 minutes with water. Wash off of skin with soap and water. If swallowed, 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: Remove persons overcome by vapors to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: If swallowed, DO NOT induce vomiting. Consult a physician immediately.

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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