PRODUCT

Volatile Dry Spotter (VDS)

MATERIAL SAFETY DATA SHEET

HMIS HAZARD RATINGS

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Health * Flammability Physical hazards



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:
 Spot and stain remover

 Synonyms:
 None

SECTION 2: HAZARDOUS INGREDIENTS						
Chemical Name Trichloroethylene		% CAS # <100 79-01-6		OSHA PEL 50 ppm TWA	LD 50 oral: 4920 mg/kg (rat)	
		SECTION 3	: PHYSICAL DATA			
Appearance: <u>Colorless liquid</u> Odor: <u>Sweet, like ether</u> Specific Gravity (20° C): <u>1.472</u> pH (20:80 in IPA/H ₂ 0 Soln.): <u>Not applicable</u>		Boiling Point: 189°F Solubility in Water: 0.1g/100g @ 20°C Vapor Pressure (mm Hg): 60 @ 20°C Vapor Density: Heavier than air				
		SECTION 4: FIRE AND	EXPLOSION HAZARD D	ATA		
Flash Point (Method)(°F): >230 (TCC) Extinguishing Media: Special Fire Fighting Procedures:		Upper Flammable Limit: No data Lower Flammable Limit: No data Self-extinguishing Use water spray to keep fire-exposed containers cool. Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus. Vapors may develop a flammable atmosphere in confined areas. May decompose to hydrochloric acid at high temperatures in fire.				
Unusual Fire and Explosion Ha	azaros:		REACTIVITY DATA	impose to hydrochionic acid at hig	in temperatures in tire.	
Stability: <u>Stable</u> Incompatibility (materials to avoid): Hazardous Decomposition Products: Hazardous Polymerization:		Conditions to Avoid: High temperatures may induce thermal decomposition. Avoid open flames. Welding arcs should not be used. Strong oxidizers, aluminum, or zinc coated containers. Hydrogen chloride, phosgene, and other toxic fumes may be produced on burning vapors. Will not occur Will not occur				
		SECTION 6: HI	EALTH HAZARD DATA			
Toxicity (Estimated):	Low	_				
Effects of Overexposure:	Acute:		eated contact with skin may cause irrita se and throat, dizziness, nausea, or los		ning a high concentration of	
	Chronic:	None known.				
Carcinogenicity:	Trichloroethylene component rated "2A" IARC - "C" NTP - human 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.

			VDS
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
			Trichloroethylene component rated "2A"
50 ppm TWA	Slight eye and skin	None reported	IARC - "C" NTP - human carcinogen on
			CA list
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
No effects reported	No effects reported	None reported	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. When cleaning up large spills in confined area, self-contained breathing apparatus is recommended.

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Ordinarily not needed. Use chemically resistant gloves when contact is prolonged or frequent. 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 closed containers in a well ventilated area. Aluminum equipment should not be used for storage or transfer.
SPILL OR LEAK PROCEDURES:	Small spills - wipe up. Large spills - soak up on absorbent material and transfer into resealable containers for disposal.
WASTE DISPOSAL METHOD:	Liquid product or absorbents containing this product must be disposed of in accordance with applicable local, state and federal regulations for chlorinated hydrocarbons.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:		FIRST AID:	
	Use with adequate ventilation. Avoid contact with skin		If overcome by vapors, remove person to fresh air. In case of
	and eyes. Avoid prolonged breathing of vapors. Harmful		contact with eyes, flush for 15 minutes with water. Wash off of
	if swallowed.		skin with soap and water. If swallowed, do NOT induce vomiting.
			Call physician immediately.

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 person overcome by vapors to fresh air. 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 contain some 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 components.

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

Prepared by: Juli D. Hirner

Replaces MSDS of:

Date:

April 22, 2010

Julie D. Hirner

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