

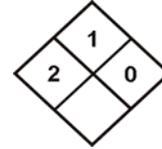
MATERIAL SAFETY DATA SHEET

PRODUCT SEMI WET SPOTTER



NFPA HAZARD RATINGS*

Table with 2 columns: Hazard Category, Rating. Rows: Health (2 Moderate health hazard), Fire (1 Slightly combustible), Stability (0 Stable)



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: Stain removal agent for laundry and drycleaning
Synonyms: None

SECTION 2: HAZARDOUS INGREDIENTS

Table with 5 columns: Chemical Name, %, CAS #, OSHA PEL, LD 50. Row: Trichloroethylene, <100, 79-01-6, 50 ppm TWA, oral: 4920 mg/kg (rat)

SECTION 3: PHYSICAL DATA

Appearance: Semi-clear water white liquid
Odor: Sweet, like ether
Specific Gravity (20° C): 1.25
pH (20:80 in IPA/H2O Soln.): 7.0 - 7.5
Boiling Point: 188°F
Solubility in Water: Forms an emulsion
Vapor Pressure (mm Hg): 60 mm Hg @ 20°C
Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): >230 (TCC)
Upper Flammable Limit: No data
Lower Flammable Limit: No data
Extinguishing Media: Self extinguishing
Special Fire Fighting Procedures: Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Vapors may develop a flammable atmosphere in confined areas. May decompose to hydrochloric acid at high temperatures in fire.

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: High temperatures may induce thermal decomposition. Avoid open flames. Welding arcs should not be used.
Incompatibility (materials to avoid): Strong oxidizers, aluminum, or zinc coated containers.
Hazardous Decomposition Products: Hydrogen chloride, small amounts of phosgene, irritating fumes at high temperatures.
Hazardous Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Very low: oral LD 50: above 4920 mg/kg skin absorption
Effects of Overexposure: Acute: Contact with eyes, prolonged or repeated contact with skin may cause irritation, redness, and drying. Breathing high concentration of vapors may cause irritation of the nose and throat, dizziness, nausea or loss of coordination.
Chronic: None
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.

EXPOSURE LIMITS 50 ppm TWA (trichloroethylene)	IRRITANCY OF PRODUCT Slight eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY Trichloroethylene component rated "2A" IARC - "C" NTP - human 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: None required when used as directed with adequate ventilation.
When cleaning up large spills in confined areas, 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. Keep containers closed when not in use.

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:

Use with adequate ventilation. Avoid contact with skin and eyes. Avoid prolonged breathing of vapors. Harmful if swallowed.

FIRST AID:

If overcome by vapors, remove person to fresh air. In case of contact with eyes, flush 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 person overcome by vapors to fresh air.

Eyes: Flush eyes 15 minutes with water.

Skin: Wash off of skin with soap and water.

Ingestion: 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

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