

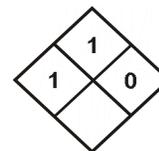
MATERIAL SAFETY DATA SHEET

PRODUCT FASHION FINISH SYNTHETIC



NFPA HAZARD RATINGS*

Health	1	Slight 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: Fabric finishing agent for drycleaning
Synonyms: "sizing"

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Tetrachloroethylene	50-55	127-18-4	100 ppm TWA	oral: >5000 mg/kg (rat) dermal: >10,000 mg/kg (rabbit)

SECTION 3: PHYSICAL DATA

Appearance: Clear liquid
Odor: Sweet ethereal
Specific Gravity (20° C): 1.312
pH: No data
Boiling Point: >250°F
Solubility in Water: Insoluble
Vapor Pressure (mm Hg): No data
Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): None
Extinguishing Media: Dry chemical, carbon dioxide, water fog
Special Fire Fighting Procedures: Avoid directing strong stream of water into product - may produce foam.
Unusual Fire and Explosion Hazards: High heat may produce noxious fumes and toxic decomposition products.
Wear self-contained breathing apparatus.
Upper Flammable Limit: No data
Lower Flammable Limit: No data

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Exposure of vapors to high heat or open flames.
Incompatibility (materials to avoid): Strong oxidizers, aluminums, or other metals.
Hazardous Decomposition Products: Hydrogen chloride.
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slightly toxic
Effects of Overexposure: Acute: Exposure to high concentrations of vapors can cause dizziness, intoxication, myocardial irritability.
Contact with eyes may cause irritation. Ingestion may cause nausea and/or diarrhea.
Chronic: None reported on mixture. Test with laboratory animal on tetrachloroethylene component has caused liver and kidney toxic effects at high chronic exposure and increased incidence of liver tumors.
Carcinogenicity: Tetrachloroethylene component rated IARC - "C" 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 100 ppm TWA (tetrachloroethylene)	IRRITANCY OF PRODUCT Slight eye and skin	SENSITIZATION TO PRODUCT None reported in tests on components	CARCINOGENICITY Tetrachloroethylene component rated IARC - "C" NTP - animal carcinogen on CA list
TERATOGENICITY No effects reported in tests on components	REPRODUCTIVE TOXICITY No effects reported in tests on components	MUTAGENICITY None reported in tests on components	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 area, self-contained breathing apparatus is recommended.

Ventilation: Normal industrial ventilation is adequate.
Local exhaust at work station recommended.

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 container in 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 on in accordance with all applicable local, state and federal regulations for chlorinated hydrocarbons.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Use with adequate ventilation. Avoid prolonged breathing of vapors. Keep away from heat and open flames. Avoid contact with skin and eyes. Harmful if swallowed.

FIRST AID:

Remove person overcome by vapors to fresh air. In case of contact with eyes, flush 15 minutes with water. Wash off of skin. If swallowed, do NOT induce vomiting. Call physician immediately.

In California, add "Contains perchloroethylene known to the state of California to cause cancer."

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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