

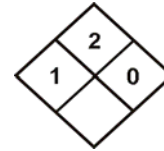
MATERIAL SAFETY DATA SHEET

PRODUCT CNC



NFPA HAZARD RATINGS\*

Health	1	Slight health hazard
Fire	2	Moderately combustible
Reactivity	0	Nonreactive



SECTION 1: PRODUCT INFORMATION

Manufacturer: ADCO, Inc., 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: Laundry prespotter  
 Synonyms: "Collar and Cuff Prespotter"

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Terpene hydrocarbons	<5	5989-27-5	100 ppm TWA	oral: 5 g/kg (rat) dermal: 5 g/kg (rabbit)

SECTION 3: PHYSICAL DATA

Appearance: Clear, water-white liquid Boiling Point: 112-118°F  
 Odor: Citrus Solubility in Water: Complete  
 Specific Gravity (20° C): 0.958 Vapor Pressure (mm Hg): No data  
 pH (20:80 in IPA H<sub>2</sub>O Soln.): 8-8.5 Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 155° (PM) Upper Flammable Limit: 6.1 (terpene hydrocarbons)  
 Lower Flammable Limit: 0.7 (terpene hydrocarbons)  
 Extinguishing Media: Dry chemical, carbon dioxide, water fog or other media for Class B fires.  
 Special Fire Fighting Procedures: Cool containers with water spray. Wear self-contained breathing apparatus.  
 Unusual Fire and Explosion Hazards: Vapors may form combustible or explosive 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  
 Hazardous Decomposition Products: Burning may produce toxic fumes.  
 Hazardous Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Low  
 Effects of Overexposure: Acute: Dizziness, intoxication, nose, lung and eye irritation from vapors. Eye and skin irritation from contact.  
 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 25 ppm TWA (ethylene glycol monobutyl ether) : 100 ppm TWA (terpene hydrocarbons)	IRRITANCY OF PRODUCT Moderate 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 effect 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 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 plastic or lined metal containers. Use plastic or nylon-stainless steel drum pump. Keep away from heat and open flames.

**SPILL OR LEAK PROCEDURES:** Avoid breathing vapors. Keep from sources of ignition. Flush small spills to sewer with water. Soak up larger spills with absorbent material and transfer to resealable containers for disposal.

**WASTE DISPOSAL METHOD:** Dispose of in a manner that complies with all local, state and federal regulations for combustible wastes.

### RECOMMENDED PRECAUTIONARY LABELING:

#### **CAUTION:**

Combustible - keep away from heat or open flame. Avoid prolonged breathing of vapors. Contact with eyes or prolonged, repeated contact with skin may cause irritation. Harmful if swallowed.

#### **FIRST AID:**

In case of contact, 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 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: 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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