### **MATERIAL SAFETY DATA SHEET**

**PRODUCT** 

# KNOCK OUT



# **NFPA HAZARD RATINGS\***

Health	2	Moderate health hazard
Fire	3	Highly flammable
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: Spot and stain remover for use in drycleaning only.

Synonyms: "Ink Remover"

•		<i>,</i>				
		SECTION 2:	HAZARDOUS INGREDIEN	NTS		
Chemical Name Aromatic hydrocarbons		% <30	CAS # 64742-95-6	OSHA PEL 100 ppm TWA	LD 50 oral: 4.7 g/kg (rat)	
sopropyl alcohol		10-30	67-63-0	400 ppm TWA	dermal: 3.48 g/kg (rat) oral: 5.8 g/kg (rat) dermal: 13 g/kg (rabbit)	
		SECTION	ON 3: PHYSICAL DATA			
Appearance: Clear, light-yellow liquid Odor: Sweet etheral Specific Gravity (20° C): 0.91 pH (20:80 in IPA/H <sub>2</sub> O Soln.): 4.5-5.5		ow liquid	Boiling Point: 245°F Solubility in Water: Slight, forms emulsion Vapor Pressure (mm Hg): No data Vapor Density: Heavier than air			
		SECTION 4: FIRE	AND EXPLOSION HAZAF	RD DATA		
Flash Point (Method)(°F): 93 (TCC) Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards:		Upper Flammable Limit: No data Lower Flammable Limit: No data  Compatible with all types.  Wear self-contained breathing apparatus. Cool fire containers with water spray to keep from bursting.  Vapors may travel along floor and form combustible or explosive mixture with air.  Combustion products may be toxic.				
		SECTIO	N 5: REACTIVITY DATA			
Stability:	Stable		Conditions to A	void: Use or storage at temperature	e above 110°F (48.8°C)	
ncompatibility (materials to avoid): Hazardous Decomposition Products: Hazardous Polymerization:		Strong oxidiers  Burning may produce toxic  Will not occur.	vapors.			
		SECTION	6: HEALTH HAZARD DAT	Ά		
Toxicity (Estimated):	Slight					
Effects of Overexposure:	Acute:		ations of vapors can cause headaches, stact with skin may cause drying or irrita		or eye irritation. Contact with ey	
	Chronic:	Orthodichlorobenzene is re	ported to cause liver and kidney dama	ge with prolonged/repeated exposur	e	
Carcinogenicity:	None of the ing	e of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.				

<sup>\*</sup>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.

			Tillook Out
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
100 ppm TWA (aromatic hydrocarbons), 400 ppm TWA (isopropyl alcohol)	Slight eye and skin	None known	No components are listed by ACGIH, IARC, or OSHA
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 areas, self-contained breathing apparatus is recommended.

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Ordinarily not needed. Use plastic or rubber 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 well ventilated area. Store in plastic or lined metal containers. Keep away from heat and open flames.

Store away from stong oxidizers or active metals.

Avoid breathing vapors. Keep from sources of ignition. Soak up on absorbent material and transfer to resealable **SPILL OR LEAK PROCEDURES:** 

containers for disposal.

WASTE DISPOSAL METHOD: Liquid product on absorbents containing this product may be disposed of in manner that complies with all local,

state and federal regulations for chlorinated hydrocarbons and highly flammable wastes.

#### RECOMMENDED PRECAUTIONARY LABELING:

CAUTION: FIRST AID:

> Contains toxic compounds. HIGHLY FLAMMABLE. Keep away from heat and open flames. Use with adequate ventilation. Avoid prolonged breathing of vapors. May cause dizziness or irritation to eyes, nose, and throat. Contact with eyes, prolonged or repeated contact with skin may cause drying or irritation. Harmful is swallowed.

Remove person overcome by vapors 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.

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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

Date: