MATERIAL SAFETY DATA SHEET

PRODUCT SPEE DEE



NFPA HAZARD RATINGS*

Health	1	Slight health hazard
Fire	2	Moderately combustible
Stability	0	Stable



SECTION 1: PRODUCT INFORMATION

SECTION 2: HAZARDOUS INGREDIENTS

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 removal agent for use in drycleaning only.

Synonyms: None

Chemical Name		%	CAS#	OSHA PEL	LD 50		
Aromatic petroleum distillates		25-35	64742-95-6	100 ppm TWA	oral: 4700 mg/kg (rat)		
- Tomatic petroleum distillates		20-00	04742-30-0	100 ppiii 1 WA	dermal: 3480 mg/kg (rat)		
cyclohexanol		3-7	108-93-0	50 ppm TWA	oral: 2060 mg/kg (rat)		
yololloxullol		01	100 00 0	оо ррш түүү	dermal: 1300 mg/kg (dog)		
-methyl, 2-pentanone		<5	108-10-1	50 ppm TWA	oral: 2080 mg/kg (rat)		
mouryi, z pontanone		٠,	100 10 1	оо ррш түүү	dermal: >20 ml/kg (rabbit)		
-butyl alcohol		3-7	71-36-3	50 ppm TWA	oral: 2500 mg/kg (rat)		
a batty alcohol			7 7 00 0	оо ррин түүх	dermal: 4200 mg/kg (rabbit		
pentyl acetate		3-7	628-63-7	100 ppm TWA	oral: 6500 mg/kg (rat)		
		SECTI	ON 3: PHYSICAL DATA	Α			
	Appearance: Light yellow liquid Boiling Point: 257°F Odor: Fruit-like odor Solubility in Water: Slight-forms emulsion						
Specific Gravity (20° C):							
pH (20:80 in IPA/H2O Soln.):		Vapor Pressure (mm Hg): No data Vapor Density: Heavier than air					
		SECTION 4: FIRE	AND EXPLOSION HA	ZARD DATA			
		UpU	per Flammable Limit:	No data			
Flash Point (Method)(°F):	103 (TCC)		ver Flammable Limit:	No data			
Extinguishing Media:		Dry chemical, carbon diox	Dry chemical, carbon dioxide, water fog or other media for Class B fires.				
Special Fire Fighting Procedures	s:	Wear self-contained breathing apparatus. Cool containers with water spray.					
Jnusual Fire and Explosion Haz	zards:	Vapors may form combustible or explosive mixture with air. Combustible products may be toxic.					
		SECTIO	ON 5: REACTIVITY DAT	ΓΑ			
Stability:	Stable	Col	nditions to Avoid:	Use or storage at temperatur	es over 120°F.		
ncompatibility (materials to avoi		Strong oxidizers.	::				
Hazardous Decomposition Products:		Burning may produce toxic, irritating vapors.					
lazardous Polymerization:		Will not occur.					
		SECTION	6: HEALTH HAZARD D)ATA			
oxicity (Estimated):	Slight	<u> </u>					
Effects of							
Overexposure:							
	Chronic:	Orthodichlorobenzene is re	eported to cause liver and kidney o	damage with prolonged or repeated expo	sure.		
Carcinogenicity:	None of the ing	redients of this mixture have b	een identified as a carcinogen or p	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.

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EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
25 ppm TWA (orthodichlorobenzene), 50 pm TWA (cyclohexanol, 4-methyl-2-pentanone, n-butyl alcohol)	Slight eye and skin	None reported	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. Local exhaust at work station is 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 containers in a well ventilated area. Keep containers closed when not in use. Keep away from

heat and open flame.

SPILL OR LEAK PROCEDURES: Avoid breathing vapors. Keep from sources of ignition. Soak up on absorbent material (sawdust, etc.) and shovel

into 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: FIRST AID:

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

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. 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: 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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Replaces MSDS of:

November 7, 2008

Date: _____ April 20, 2010