MATERIAL SAFETY DATA SHEET

PRODUCT OLD BLUE



NFPA HAZARD RATINGS*

Health	1	Slight health hazard
Fire	0	Noncombustible
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: Laundry starch for textiles

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Synonyms:	None	None						
		SECTION 2:	HAZARDOUS INGREDIEI	NTS				
Chemical Name		%	CAS#	OSHA PEL	LD 50			
Ethylene glycol		1-10	107-21-1 108-05-4	50 ppm TWA	oral: >6000 mg/kg (rat)			
/inyl acetate monomer		<0.35	108-05-4	10 ppm TWA	No data			
		SECTIO	ON 3: PHYSICAL DATA					
	ance: Blue emulsion Boiling Point: 212°F							
Odor: Bland			Solubility in Water: Miscible					
Specific Gravity (20			Vapor Pressure (mm					
pH (20:80 in IPA/H ₂ O S	Soln.): <u>6</u>		Vapor Der	nsity: No data				
		SECTION 4: FIRE	AND EXPLOSION HAZAI	RD DATA				
			Upper Flammable L	_imit: No data				
Flash Point (Method)(°F): >230 (PM)			Lower Flammable Limit: No data					
Extinguishing Media:		Compatible with all types.						
Special Fire Fighting Proce	edures:	Cool fire exposed container	Cool fire exposed containers with water spray.					
Unusual Fire and Explosion Hazards:		Product may splatter if temperature exceeds boiling point.						
		SECTIO	N 5: REACTIVITY DATA					
Stability:	Stable		Conditions to A	void: None				
Incompatibility (materials to	to avoid):	Strong oxidizers.						
			Carbon dioxide & carbon monoxide in a fire.					
Hazardous Polymerization:		Will not occur						
		SECTION (6: HEALTH HAZARD DAT	ГА				
Toxicity (Estimated):	Very low							
Effects of Overexposure:	Acute:	May cause irritation if splast not likely to cause injury. H	hed in eyes or on prolonged contact wi owever, ingestion of larger amounts co	ith skin. Amounts ingested incidenta ould cause serious injury, even death	I to industrial handling are			
	Chronic:	None						
Carcinogenicity: Vinyl acetate monomer is listed as an A3 animal carcinogen by ACGIH.								

^{*}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	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
50 ppm TWA (ethylene glycol), 10 ppm TWA (vinyl acetate monomer)	Slight eye and skin	None reported	vinyl acetate monomer is listed as an A3 animal carcinogen by ACGIH
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 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 containers and use plastic pump. Protect from freezing.

SPILL OR LEAK PROCEDURES: Larger spills - soak up on absorbent material and transfer to containers for disposal as a nonhazardous waste.

Small spills - flush to sewer with water.

WASTE DISPOSAL METHOD: Nonhazardous. Flush to sewer or dispose of materials and container in nonharzardous municipal landfill in

compliance with all local, state, and federal regulations.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION: FIRST AID:

> Splashing into eyes, prolonged or repeated contact with skin may cause irritation.

In case of contact, flush eyes for 15 minutes with water. Wash off of skin with soap and water. If swallowed, induce vomiting immediately by giving two (2) glasses of water and pressing fingers down throat. Do not give liquids to an unconscious person.

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: No treatment necessary.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water.

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Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and pressing fingers down throat.

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