

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Old Blue

GENERAL USE: For professional laundry and wetcleaning use only.

PRODUCT DESCRIPTION: Laundry starch for textiles.

MANUFACTURER

Adco Professional Products LLC
1706 Ledo Rd.
Albany, GA 31707

Product Information: 800-323-7206 (USA
& Canada only)

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada
only) or 651-632-9272

Transportation Emergency: 800-424-9300 (USA &
Canada only) or 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 2A

Specific Target Organ Toxicity (STOT-SE): Category 2

Specific Target Organ Toxicity (STOT-RE): Category 2

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Warning

Hazard Statements:

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

H371 – May cause damage to organs.

H373 – May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P264 – Wash hands, forearms, and exposed areas thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P311 – If exposed or concerned: Call a POISON CENTER/doctor/physician.

P314 – Get medical advice/attention if you feel unwell.

P332+P313 – If skin irritation occurs: Get medical advice/attention.

P337+P313 – If eye irritation persists: Get medical advice/attention.
 P362+P364 – Take off contaminated clothing and wash before reuse.
 P403+P233 – Store in a well-ventilated place. Keep container tightly closed.

Other Hazards: Not available.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS</u>
Trade Secret #1	-	-
Trade Secret #2	-	-
Ethylene glycol	1-10	107-21-1

Comments: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, tearing and redness.

SKIN: Irritation and redness.

SKIN ABSORPTION: No data available.

INGESTION: Irritation of mouth, throat and stomach.

INHALATION: May cause irritation to the nose, throat, and lungs.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not applicable.

EXTINGUISHING MEDIA: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Not applicable.

FIRE FIGHTING EQUIPMENT: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Contain spill. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Trade Secret #1	TWA	NE ^[1]		NE		
	STEL	NE		NE		
Trade Secret #2	TWA	NE		NE		
	STEL	NE		NE		
Ethylene glycol	TWA	50		NE		
	STEL	NE		NE		

TABLE FOOTNOTES:

1. NE=Not established.

The specific identity of one or more components of this product are withheld as a trade secret.

ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Neoprene or Barrier™ gloves.

RESPIRATORY: None required under ordinary conditions.

PROTECTIVE CLOTHING: Not applicable.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue emulsion.

PHYSICAL STATE: Liquid.

COLOR: Blue.

ODOR: Bland.

ODOR THRESHOLD: No data available.

pH: 5.5-6.5

FREEZING POINT: No data available.

INITIAL BOILING POINT: 100°C (212°F)

FLASHPOINT: >110°C (230°F) (PM)

EVAPORATION RATE: No data available.

FLAMMABILITY (Solid, Gas): Not applicable, this product is a liquid at room temperature.

FLAMMABLE LIMITS: Not applicable.
VAPOR PRESSURE: No data available.
VAPOR DENSITY: No data available.
RELATIVE DENSITY: 1.095
SOLUBILITY IN WATER: Miscible.
PARTITION COEFFICIENT (Log K_{ow}): No data available.
AUTOIGNITION TEMPERATURE: Not available.
DECOMPOSITION TEMPERATURE: No data available.
VISCOSITY: No data available.
PERCENT VOLATILE: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: No. **CHEMICAL STABILITY:** Stable.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: None known.
INCOMPATIBLE MATERIALS: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Skin.

ACUTE TOXICITY (ATE)

DERMAL LD₅₀: > 2,000 mg/kg (rabbit)
ORAL LD₅₀: > 2,000 mg/kg (rat)
INHALATION LC₅₀: Insufficient data available.

CHRONIC TOXICITY

TARGET ORGANS: Chronic overexposure to a minor component of this product may cause injury to liver and kidneys.

SENSITIZATION: No data available.

CARCINOGENICITY

IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.
OTHER: Not applicable.

OTHER: No data available.

REPRODUCTIVE EFFECTS: No data available.

MUTAGENICITY: No data available.

SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS

EYES: No data available.

SKIN: Prolonged or repeated exposure may cause dermatitis.

SKIN ABSORPTION: Insufficient data available.

INGESTION: Low toxicity.

ASPIRATION HAZARD: Insufficient data available to classify this product as an aspiration hazard.

INHALATION: Not applicable.

MEDICAL CONDITIONS AGGRAVATED: Significant overexposure to a minor component of this product could adversely affect preexisting diseases of the liver, kidney, skin, central nervous system and respiratory system.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Insufficient data available.

PERSISTENCE AND DEGRADABILITY: Insufficient data available.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: Insufficient data available.

OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.
CHRONIC: No.

313 REPORTABLE INGREDIENTS: Not applicable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not applicable.

STATE REGULATIONS

MASSACHUSETTS

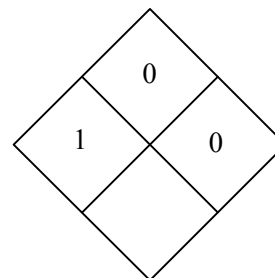
Contains one or more substances regulated by the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	1
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS

SDS Revision Date: July 14, 2015