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 2
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:
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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
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<tbody>
<tr>
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**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)

<table>
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<tr>
<th></th>
<th>OSHA PEL ppm</th>
<th>ACGIH TLV ppm</th>
<th>Supplier OEL ppm</th>
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<td>mg/m^3</td>
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<td>STEL NE</td>
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</table>

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 LD$_{50}$: > 2,000 mg/kg (rabbit)
   ORAL LD$_{50}$: > 2,000 mg/kg (rat)
   INHALATION LC$_{50}$: 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.

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**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.

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**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.

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**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.

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**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

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<table>
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SDS Revision Date: July 14, 2015