SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RIGID

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional laundry and wetcleaning use only.

PRODUCT DESCRIPTION: Instant Laundry Powdered Starch.

MANUFACTURER

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

Product Information: 800-821-7556 (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

Not hazardous as defined by OSHA 29 CFR 1910.1200 (GHS)

GHS LABEL ELEMENTS

Symbol(s): None

Signal Word: Warning

Hazard Statements: None

Precautionary Statements:

P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: May form combustible dust concentrations in air.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific chemical entity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

Chemical Name	Wt.	CAS#
Contains no hazardous ingredients	-	-

COMMENTS: None.

4. FIRST AID MEASURES

EYES: Not toxic - flush eyes with plenty of water for at least 15 minutes as a precaution.

SKIN:. Not toxic - Wash off with soap and plenty of water. Consult a physician if irritation persists.

INGESTION: Nontoxic, food grade material. Rinse mouth with water. Consult a physician.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Not expected to be irritating.
SKIN ABSORPTION: No data available.
INGESTION: Not expected to be irritating.
INHALATION: No data available.

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: Carbon dioxide, dry chemical, foam, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide.

OTHER CONSIDERATIONS: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

FIRE FIGHTING EQUIPMENT: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Vacuum with explosion-proof vacuum cleaner. Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air). Non-sparking tools should be used.

LARGE SPILL: Vacuum with explosion-proof vacuum cleaner, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Avoid dust formation. Ensure adequate ventilation. Avoid breathing dust. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air). Non-sparking tools should be used , Place absorbed material in closed containers for disposal (see section 13).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

HANDLING: Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces

STORAGE: Store in an odor-free area of moderate temperature and humidity in labeled, tightly sealed containers. Minimize dust accumulation.

ELECTROSTATIC ACCUMULATION HAZARD: Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
Contains no hazardous ingredients	TWA						
	STEL						

TABLE FOOTNOTES

1. NE = Not Established.

The specific chemical entity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

ENGINEERING CONTROLS: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or explosion prevention systems. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area. (i.e. there is no leakage from the equipment) Use only appropriately classified electrical equipment and powered industrial trucks.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Rubber or Barrier™ gloves.

RESPIRATORY: None required under normal 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: Free flowing fine powder.

PHYSICAL STATE: Solid

COLOR: White.

ODOR: No data available.

ODOR THRESHOLD: No data available.

pH: No data available.

FREEZING POINT: No data available.

INITIAL BOILING POINT: No data available.

FLASHPOINT: No data available.

EVAPORATION RATE: No data available.

FLAMMABILITY (Solid, Gas): May form combustible dust concentrations in air.

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

RELATIVE DENSITY: No data available.

SOLUBILITY IN WATER: Low solubility in cold water. Gelatinizes in hot water.
PARTITION COEFFICIENT (Log K_{ow}): No data available.
AUTOIGNITION TEMPERATURE: No data available.
DECOMPOSITION TEMPERATURE: No data available.
VISCOSITY: No data available.
PERCENT VOLATILE: No data available.

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10. STABILITY AND REACTIVITY

REACTIVITY: No.
CHEMICAL STABILITY: Stable.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: Avoid excessive dust concentrations
INCOMPATIBLE MATERIALS: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Skin.
ACUTE TOXICITY (ATE)
- **DERMAL LD_{50}:** Insufficient data available.
- **ORAL LD_{50}:** > 2,000 mg/kg (IP, mouse)
- **INHALATION LD_{50}:** Insufficient data available.

CHRONIC TOXICITY
- **TARGET ORGANS:** No data available.
- **SENSITIZATION:** Insufficient data available.
- **CARCINOGENICITY**
  - **IARC:** Not listed as a carcinogen.
  - **NTP:** Not listed as a carcinogen.
  - **OSHA:** Not listed as a carcinogen.
  - **OTHER:** No data available.
- **OTHER:** No data available.

REPRODUCTIVE EFFECTS: Insufficient data available.
MUTAGENICITY: Insufficient data available.
SYNERGISTIC MATERIALS: No data available.
POTENTIAL HEALTH EFFECTS
- **EYES:** Insufficient data available.
- **SKIN:** Insufficient data available.
- **SKIN ABSORPTION:** Nontoxic.
- **INGESTION:** Not expected to be toxic by ingestion.
- **ASPIRATION HAZARD:** No.
- **INHALATION:** Nontoxic.
- **MEDICAL CONDITIONS AGGRAVATED:** Insufficient data available.

GENERAL COMMENTS: Refer to Section 3 for additional information on potential health effects.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.
PERSISTENCE AND DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: This product has no known negative environmental impact if released to the environment.

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(s) listed by RCRA as 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

This is a food ingredient and contains materials generally recognized as safe (GRAS) by the Food and Drug Administration.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

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

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not regulated for transport.

STATE REGULATIONS

MASSACHUSETTS

Contains a substances regulated by the Massachusetts Substance List.

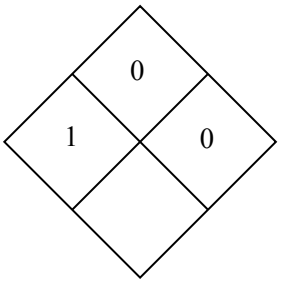
CALIFORNIA

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



Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

SDS Revision Date: January 8, 2016