

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AE-47

**OTHER MEANS OF IDENTIFICATION:** Not applicable.

**GENERAL USE:** For professional laundry and wetcleaning use only.

**PRODUCT DESCRIPTION:** Water Soluble Sizing

### 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

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

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

### GHS LABEL ELEMENTS

**Symbol(s):**



**Signal Word:** Danger

### Hazard Statements:

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/vapor/spray.

P264 – Wash thoroughly after handling.

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

P308+P311 – IF exposed or concerned: Call a POISON CENTER or doctor.

P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.

P363 – Wash contaminated clothing before reuse.

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

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

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### 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	-	-

**COMMENTS:** None.

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### 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.

**SKIN:** No data available.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May irritate the mouth, throat and stomach.

**INHALATION:** May irritate respiratory tract.

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

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### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not applicable.

**EXTINGUISHING MEDIA:** Not applicable.

**HAZARDOUS COMBUSTION PRODUCTS:** Not applicable.

**FIRE FIGHTING EQUIPMENT:** Not applicable.

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### 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).

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### 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. Prevent from freezing.

**ELECTROSTATIC ACCUMULATION HAZARD:** Not applicable.

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## 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/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
Trade Secret #1	<b>TWA</b>	NE <sup>[1]</sup>		25 <sup>[2]</sup>			
	<b>STEL</b>	NE		50			

### TABLE FOOTNOTES:

1. NE=Not established.
2. A4: Not classifiable as a human carcinogen.

The specific identities 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:** Rubber or Barrier™ gloves.

**RESPIRATORY:** Not applicable.

**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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Milky.

**PHYSICAL STATE:** Liquid.

**COLOR:** White.

**ODOR:** Bland.

**ODOR THRESHOLD:** No data available.

**pH:** 6-7

**FREEZING POINT:** <0°C (32°F)

**INITIAL BOILING POINT:** 100°C (212°F)

**FLASHPOINT:** Not applicable.

**EVAPORATION RATE:** 0.3 (butyl acetate = 1)

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

**FLAMMABLE LIMITS:** Not applicable..

**VAPOR PRESSURE:** 17 mm Hg at 20°C

**VAPOR DENSITY:** ~0.6 (air=1)

**RELATIVE DENSITY:** 1.1

**SOLUBILITY IN WATER:** Dispersible.

**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** 18 sec, Zahn #2

**PERCENT VOLATILE:** ~70

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**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:** Not applicable.

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**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** Skin.

**ACUTE TOXICITY (ATE)**

**DERMAL LD<sub>50</sub>:** Insufficient data available.

**ORAL LD<sub>50</sub>:** > 2,000 mg/kg (rat)

**INHALATION LD<sub>50</sub>:** Insufficient data available.

**CHRONIC TOXICITY**

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

**SENSITIZATION:** Ingestion may cause sensitization.

**CARCINOGENICITY**

**IARC:** Not listed as a carcinogen.

**NTP:** Not listed as a carcinogen.

**OSHA:** Not listed as a carcinogen.

**OTHER:** ACGIH: A minor component of this product is classified as A4 (Not classifiable as a human carcinogen).

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** No data available.

**MUTAGENICITY:** Not mutagenic.

**SYNERGISTIC MATERIALS:** No data available.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Insufficient data available.

**SKIN:** Insufficient data available.

**SKIN ABSORPTION:** No data available.

**INGESTION:** Low toxicity.

**ASPIRATION HAZARD:** No.

**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.

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

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Expected to have very low aquatic

**PERSISTENCE AND DEGRADABILITY:** All components expected to be readily biodegradable.

**BIOACCUMULATIVE POTENTIAL:** Not expected to bioaccumulate.

**MOBILITY IN SOIL:** No 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:** Yes.

**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 applicable.

**STATE REGULATIONS****MASSACHUSETTS**

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

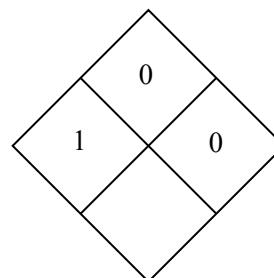
**CALIFORNIA**

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

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**16. OTHER INFORMATION**

<b>HMIS RATINGS</b>	
HEALTH:	1
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS****SDS Revision Date:** July 14, 2015