MATERIAL SAFETY DATA SHEET

PRODUCT

AE-12

NFPA HAZARD RATINGS:

Health 1
Fire 1
Reactivity 0

SECTION 1: PRODUCT INFORMATION

Manufacturer: ADCO, Inc., 900 W. Main St., Beloit, WI 53511, Tel: (608) 362-4300
EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-8888 24 HRS 7 DAYS A WEEK; ADCO (600) 821-7500 (8-5 M-F)

Intended Product Use: Designed for deinkinging garments

Synonyms: None

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name

% CAS # OSHA PEL LD 50

Synthetic paper and ink dispersion

53

53

0.5

4

SECTION 3: PHYSICAL DATA

Appearance: Light gray
Odor: Sweet
Color: Semi-transparent
Specific Gravity: 0.95
pH (20°F/68°F Soln.): 5.0

Boiling Point: No data
Solubility in Water: Insoluble
Vapor Pressure: From High: N/A

Vapor Density: No data

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point Method/Fall

140°F (CLO)

Upper Flammable Limit, No data
Lower Flammable Limit, No data

Extinguishing Media:

Carbon Dioxide

Special Fire Fighting Procedures:

Avoid breathing vapor or mist;

Unusual Fire and Explosion Hazards:

High heat may cause hazardous decomposition products

SECTION 5: REACTIVITY DATA

Stability:

Stable

Conditions to Avoid: Heat

Incompatibility (materials to avoid):

Acids, alkalis, and strong oxidizers

Hazardous Decomposition Products:

Acids, alkalis, and strong oxidizers

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated):

Low

Effects of Acute:

Exposure causes drying and irritation to eyes or on prolonged or repeated contact with skin.

Chronic:

None

Carcinogenicity:

None of the ingredients of this product have been identified as a known or probable carcinogen by AGMA, IARC, or OSHA.

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### Exposure Limits
- **300 ppm TWA (synergistic isocyanate hydrogenation)**

### Irritancy of Product
- **Irritation to Eye and Skin**: Moderate eye and skin

### Sensitization to Product
- **Sensitization**: None reported

### Carcinogenicity
- **No components are listed by ACGIH**
- **IARC**
- **OSHA**

### Teratogenicity
- No effects reported

### Mutagenicity
- None reported

### Synergistic Products
- None reported

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**SECTION 7: PREVENTATIVE MEASURES**

**Special Protection Information**

**Respiratory Protection**: None required when used as directed with adequate ventilation. When changing pipes in confined areas, as frequently breathing apparatus is recommended.

**Ventilation**: Normal industrial ventilation is adequate. Use in spray booth or enclosure. Local exhaust at work station recommended.

**Protective Gloves**: Ordinarily not needed. Use chemically resistant gloves when contact is prolonged or frequent.

**Eye Protection**: Use safety glasses or face mask (splash is likely).

Other protection equipment: ordinarily not needed. Availability of eye washes and adequate ventilator is work area recommended.

### Storage and Handling
- Store in plastic or lined metal containers. Use plastic or stainless steel drum pumps.
- Keep away from heat and open flames.

### Spill or Leak Procedures
- Avoid breathing vapors. Keep from sources of ignition. Seek up on absorbent material and store in containers for disposal.

### Waste Disposal Method
- Dispose of in manner that complies with all local, state, and federal regulations for combustible wastes.

### Recommended Precautionary Labeling

### Caution
- Use with adequate ventilation. Avoid prolonged breathing of vapors. Keep away from heat and open flames. Avoid contact with skin and eyes.

### First Aid
- In case of contact, flush eyes for 15 minutes with water. Wash off of skin with soap and water. It is advisable not to induce vomiting.

### KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

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**SECTION 8: FIRST AID**

### Inhalation
- Remove person to fresh air. If exposure is too long,

### Eyes
- Flush eyes for 10 minutes with water.

### Skin
- Wash off of skin with soap and water.

### Ingestion
- If swallowed, do NOT induce vomiting.

### If Symptoms Persist: Seek Medical Assistance

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**NOTE:** This product does contain some component which may require the reporting requirements of SARA Title III, Section 313. If you are required to report or discharge using Form R, SARA Title III, Section 313 information is available on amounts of reportable components.

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**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**

**Prepared by:**

**Date:**

March 18, 2002

**Meds of**

Julie D. Jones