

112228750-4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AS-8750

Synonyms: Cooling Water Treatment

Manufacturer/Supplier:

Applied Specialties, Inc.
33555 Pin Oak Parkway
Avon Lake, OH 44012



Customer Information Number: 440-933-9442

Emergency 24-Hour Health/Environmental Phone: 216-973-6118

2. CHEMICAL COMPOSITION

Component	CAS Number	Wt%	Exposure Limits
Acrylic Acid Homopolymers	9063-87-0	<51	Not Established
Water	7732-18-5	<51	

None of the components is considered hazardous.

Chemical identity of some ingredients may be withheld as confidential as permitted by 29 CFR 1910.1200 and various State right to know laws.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Pale yellow colored liquid, mild odor, spills are extremely slippery

CAUTION! May Cause Slight Eye and Skin Irritation. Do not inhale Vapors or Mists. Do Not Ingest.

HMIS Rating: Health - 0 Fire - 0 Reactivity - 0

0- Minimal; 1- Slight Hazard; 2- Moderate Hazard;
3- Serious Hazard; 4-Severe Hazard

TARGET ORGANS - Eyes, Skin, Gastrointestinal, Respiratory

ROUTES OF ENTRY INTO BODY - Inhalation, Ingestion, Skin or Eye Contact

SIGNS AND SYMPTOMS OF EXPOSURE - Slight irritation on direct contact with eyes and skin, inhalation of vapor or mist can cause irritation of nose, throat, and lungs.

OSHA Hazard Communication

Applied Specialties, Inc.

33555 Pin Oak Parkway, Avon Lake, OH
44012

P: 440-933-9442 F: 440-933-9439



4. FIRST AID MEASURES

SKIN CONTACT: Skin that becomes contaminated should be washed or showered with soap and water to remove any chemical from skin. Contaminated clothing should be removed and wash the skin with soap and water. Clothing should be washed before it is reused. If irritation is present, get medical attention.

EYE CONTACT: If material gets into the eyes, flush the eyes with large amounts of water for at least 30 minutes, lifting the lower and upper lids occasionally. If eye irritation persists get medical attention. Contact lenses should not be worn when working with this substance or any other chemical.

INHALATION: If a person breathes in large amounts of product mist, move the person to fresh air. If sensitivity occurs seek medical attention immediately.

INGESTION: If a person swallows this product, give 1 to 2 glasses of water. Do not induce vomiting. Get medical attention at once. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point and Method: >100°C, Closed Cup

GENERAL HAZARD

Keep upwind. Avoid breathing dust, vapors, and fumes from this material. Avoid bodily contact with the material. Wear boots, protective gloves, and gas-tight goggles. Wear full protective clothing (regular Fire Fighter's gear is inadequate).

EXTINGUISHING MEDIA

Use extinguishing media suitable for surrounding fire. Consider water spray, foam, powder, or carbon dioxide

SPECIAL FIRE FIGHTING INSTRUCTIONS

Material can splatter above 100°C/212°F. Dried product can burn and cause irritating vapors of CO, CO₂, and hydrocarbons.

FIRE FIGHTING EQUIPMENT

As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Persons not wearing protective equipment and clothing should be restricted from spill areas until clean up has been completed. NOTE- Material can create slippery conditions. If AS-8750 is spilled, take the following steps:

1. Ventilate the spill area.
2. Collect spilled material using an approved liquid vacuum.
3. Apply an absorbing compound to any residual material and shovel into a disposal drum.
4. Discard any vacuumed material and the absorbent material in accordance to all FEDERAL, STATE AND LOCAL REGULATIONS.



NOTE: DO NOT wash or pour AS-8750 into any surface waters or streams or directly into sewers.

7. HANDLING AND STORAGE

HANDLING

Wear appropriate protective equipment (See Section 8).

STORAGE

Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 5-40°C. Incompatible materials include bases (exothermic reaction). Recommended containers include coated steel, stainless steel, and plastic materials, e.g. polyethylene. Containers not recommended include carbon steel, aluminum, and its alloys.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products when needed.

PERSONAL PROTECTION

Respirator: Only necessary in fire fighting situations or if sensitivity has developed
Eye Protection: Wear safety glasses with side shields or goggles
Gloves: Wear Neoprene or Nitrile gloves
Clothing: Normal working clothing is adequate
Other: Eye wash and safety showers, practice good industrial hygiene

Recommendations: ESCAPE & FIRE FIGHTING-Self-contained breathing apparatus with a face-piece operated in pressure demand or other positive-pressure mode.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear to hazy straw to amber liquid
ODOR	Mild odor
BOILING POINT	100°C
CRYSTALLIZATION POINT	0°C
FLASH POINT	> 100°C (Closed Cup)
VAPOR PRESSURE	18 mm Hg @ 25°C
SPECIFIC GRAVITY	1.210 ± 0.025
PRODUCT pH (neat)	3.5 ± 1.0
SOLUBILITY IN WATER	Completely miscible
VOLATILITY BY WEIGHT	50%
n-OCTANOL/WATER PARTITION COEFFICIENT	Log Pow (estimated) <<3



10. STABILITY AND REACTIVITY

Stability	Stable under normal temperatures and pressures. Thermal decomposition is dependent on time and temperature
Hazardous Polymerization	Will not occur
Incompatibilities	Strong bases (exothermic neutralization reaction)
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 rat >2,000 mg/kg
Skin Irritation	Rabbit, slight skin irritation
Eye Irritation	Rabbit, slight eye irritation

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE

AS-8750 does not persist in water. It is removed through precipitation and absorption processes. It does not present a significant risk to aquatic organisms in low concentrations (less than 100 mg/l).

BIODEGRADATION

AS-8750 is poorly biodegradable

ECOTOXICITY

LC50 Brachydanio rerio 96 hr >100 mg/l

EC50 Daphnia magna 48 h >100 mg/l

EC50 Pseoeomonas Putida = 750 mg/l

13. DISPOSAL CONSIDERATIONS

PRODUCT RESIDUES

Prohibition – Do not discharge to sewer

Destruction – Dispose in accordance with federal, state, and local regulations. Various options may be available

USED PACKAGING

Decontamination – Empty packaging thoroughly rinse with water before disposal

Destruction – Dispose in accordance with federal, state, and local regulations. Various options may be available



14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	Industrial Water Treating Compound
HAZARD CLASS	Not Regulated
IDENTIFICATION NUMBER	NMFC 50227 SUB1 Class 60
LABEL REQUIRED	None

15. REGULATORY INFORMATION

Federal Regulations

OSHA HAZARD COMMUNICATION STANDARD (26 CFR 1910.1200)

Hazardous Non-Hazardous

None of the chemicals in this product are considered highly hazardous by OSHA.

CERCLA/SUPERFUND (40 CFR 117, Section 302)

None Listed

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SARA HAZARD CATEGORIES (40 CFR 370, Sections 311, 312)

Acute Chronic Fire Pressure Reactive None

This product does not contain any chemicals subject to the reporting requirements of SARA Sections 311,312.

SARA TOXIC SUBSTANCES (40 CFR 372, Section 313)

None Listed

US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS (TSCA)

All components are in compliance

NTP, IARC, OSHA, & ACGIH STATUS

None of the components are listed

State Regulations

PENNSYLVANIA RIGHT-TO-KNOW INFORMATION:

Any material listed as "Not Hazardous" in the CAS REG NO. Column of SECTION 2, Composition/Information on Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.



NEW JERSEY RIGHT-TO-KNOW TOTAL INGREDIENTS LABEL:

Compound

Acrylic Acid Homopolymers(s)
Water

CAS #

Not Hazardous
7732-18-5

CALIFORNIA PROPOSITION 65:

This product does not contain toxic chemicals currently on the California list of known carcinogens and reproductive toxins

Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986 (proposition 65), this information is provided. This law requires that "clear and reasonable warning" be provided to any individual, knowingly or intentionally exposed to any substances identified by the state as being cancer or reproductive hazards unless, it can be shown that the exposure poses "no significant risk". Based on available data, the following chemicals listed by Proposition 65 may be present in this product:

16. OTHER INFORMATION

This information is given without any warranty or representation. We do not assume any legal responsibility for same, nor do we give permission, inducement, or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification. Before using any product, read its label carefully and completely.

Revision 4 / Supersedes 3/30/10 / JMJ

Revision: NSF Certification Obtained