

112581430PW-4

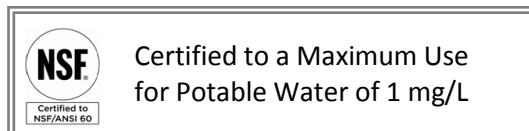
1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AS-1430PW

Synonyms: Anionic Water-Soluble Emulsion / Flocculant

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	Exposure Guidelines (PEL)
Distillates (petroleum), hydrotreated light	64742-47-8	5 mg/m ³ (mist)

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

Opalescent to white viscous liquid with slight hydrocarbon odor

CAUTION! This material causes skin and may cause eye irritation

HMIS Rating: Health - 2 Fire - 1 Reactivity - 0

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

TARGET ORGANS - Eyes, Skin

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

SIGNS AND SYMPTOMS OF EXPOSURE - Possible eye or skin irritation

OSHA Hazard Communication This material is hazardous

4. FIRST AID MEASURES

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 for at least 15 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. Get medical attention, preferably from an ophthalmologist. Contact lenses should not be worn when working with this substance or any other chemical. If contact lenses were worn, remove from the eye after the first 5 minutes of flushing.

SKIN CONTACT: Skin that becomes contaminated should be washed or showered for 30 minutes with soap and water to remove any chemical from skin. Get medical attention if irritation persists. Contaminated clothing should be removed and laundered. Clothing that cannot be decontaminated, like leather boots, should be disposed of properly.

INHALATION: If a person breathes in large amounts of product mist, move the person to fresh air. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. Get medical attention as soon as is possible.

INGESTION: If a person swallows this product get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point and Method: >93°C (199.4°F) Closed Cup

EXTINGUISHING MEDIA

Use Carbon dioxide (CO₂), dry chemical extinguishers, or alcohol foam. Use water spray to cool containers. Avoid spraying water directly on the product.

GENERAL HAZARD

Keep upwind. Avoid breathing vapors and fumes from this material. Avoid bodily contact with the material. Containers can build pressure if exposed to heat.

FIRE FIGHTING EQUIPMENT

As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear including boots, protective gloves, and gas-tight goggles. Regular Fire Fighter's gear is inadequate.

6. ACCIDENTAL RELEASE MEASURES

Persons not wearing protective equipment (see Section 8) and clothing should be restricted from spill areas until clean up has been completed. Spilled material causes a slip hazard. If AS-1430PW is spilled, take the following steps:

1. Ventilate the spill area. Dike the area around the spill to prevent spreading.
2. Collect spilled material using an approved liquid vacuum for recycling.
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-1430PW into any surface waters or streams or directly into sewers.

7. HANDLING AND STORAGE

HANDLING

Use with adequate ventilation. Wear appropriate protective equipment (See Section 8). Practice good industrial hygiene. Avoid direct contact with eyes and skin. Wash after handling and before eating, drinking, or smoking.

STORAGE

Keep container tightly closed when not in use. Keep labels visible. Store AS-1430PW between +5°C to +30°C (41°F - 86°F). Keep from heat, heating sources, and direct sunlight.

INCOMPATIBLE MATERIALS

Strong oxidants and strong reducing agents. Iron, copper, or aluminum containers or equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Use in areas with adequate ventilation. In applications where the product will be exposed to elevated temperatures, use local ventilation when needed.

PERSONAL PROTECTION

Respirator: Necessary if exposure limits are exceeded and in fire-fighting situations
Eye Protection: Wear chemical goggles and a visor
Gloves: Recommended gloves are neoprene, rubber, and PVC
Clothing: Normal working clothing is usually adequate, but wear a rubber apron in areas where splashing may occur
Other: Eye wash and safety showers should be in immediate work area, 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	Opalescent to white viscous liquid
ODOR	Mild petroleum
BOILING POINT	Aqueous phase 100°C / Oil phase 175°C <i>Estimated</i>
FREEZING POINT	-3.8°C <i>Estimated</i>
PRODUCT pH (0.5% aq. sol.)	6.5 ± 1.5
FLASH POINT	>93°C (Closed Cup)
VAPOR PRESSURE	Similar to water
VAPOR DENSITY	Similar to water
PERCENT VOLATILE (by WT)	63% - 65%
VOLATILE ORGANIC CONTENT	25%
SOLUBILITY IN WATER	Soluble with vigorous agitation. Contact with water at a concentration of >2% results in a high viscous liquid



10. STABILITY AND REACTIVITY

Stability	Stable under normal temperatures and pressures. Avoid overheating and keep away from ignition sources
Hazardous Polymerization	Will not occur
Incompatibilities	Strong oxidants and strong reducing agents. This material reacts slowly with iron, copper, and aluminum, resulting in corrosion and product degradation.
Hazardous Decomposition Products	May produce carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Toxicological information for the product is found under section 3 (HAZARD IDENTIFICATION). Avoid inhalation because of the presence of petroleum distillate.

California Proposition 65 Warning (applicable in California only) - this product contains a chemical known to the state of California to cause cancer.

12. ECOLOGICAL INFORMATION

ACUTE TOXICITY TO FISH

96 hr LC50 Brachydanio rerio (zebra fish) >100 mg/L
Information based on a structurally similar material

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

48 hr eC50 Daphnia magna >100 mg/L
Information based on a structurally similar material

The polymeric ingredient is not readily biodegradable, but degradable by hydrolysis. The large polymer size is incompatible with transport across biological membranes and diffusion; the bioconcentration factor is therefore considered to be zero.

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. Not RCRA regulated.

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	Resin Compound, Petroleum Hydrocarbon Polymer
HAZARD CLASS	Not regulated
IDENTIFICATION NUMBER	NMFC 46032
PACKAGING GROUP	NA
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)

No components listed

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

This product does not contain any chemicals subject to the reporting requirements of 40 CFR 355.

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

Acute Chronic Fire Pressure Reactive None

SARA TOXIC SUBSTANCES (40 CFR 372, Section 313)

No components listed

US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS (TSCA)

All components are listed

RCRA STATUS

Not regulated

NTP, IARC, OSHA, & ACGIH STATUS

None of the components in this product at concentrations greater than 0.1% are listed

REPORTABLE QUANTITY (RQ) (49 CFR Subchapter C, Section 172.101, Appendix A)

This material does not have a reportable quantity

State Regulations

PENNSYLVANIA, NEW JERSEY, and MASSACHUSETTS RIGHT-TO-KNOW INFORMATION:

Component	CAS Number
2-Propenamamide	79-06-1



CALIFORNIA PROPOSITION 65:

This product does contain toxic chemical(s) currently on the California list of known carcinogens and reproductive toxins

2-Propenamamide

79-06-1

Trace

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 5/22/07 / JMJ

Revisions: ANSI format, Sections 9, 11, & 12