

1. Product And Company Identification

Product Name: AS-1230
Synonyms/ Use: Anionic polymer emulsion
Manufacturer/Supplier: Applied Specialties, Inc.
33555 Pin Oak Parkway
Avon Lake, OH 44012
Customer Information Number: 440-933-9442
For Chemical Emergency Spills, Leaks, Fire, Exposure or Accident call **Chemtrec** 800-424-9300 Day or Night

2. Hazardous Identification

Signal Word: **Warning**



Pictograms:

Hazard Statement(s): Causes serious eye irritation.

Precautionary Statement(s):

Prevention	Do not breathe mist, vapors, or spray	(P260)
	Wash hands thoroughly after handling.	(P264)
	Do not eat, drink or smoke when using this product.	(P270)
	Use only outdoors or in a well-ventilated area.	(P271)
	Wear protective gloves and eye/ face protection.	(P280)

Carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen
Reproductive toxicity: No reproductive effects reported
Teratogenicity: No data available
Genotoxicity: No mutagenic effects reported
Aquatic toxicity: This material is not classified as dangerous for the environment.

3. Chemical Composition

Component	CAS Number	Wt%
Distillates (petroleum), hydrotreated light	647-42-47-8	20 – 23
Alcohols, C12-14, ethoxylated	68439-50-9	0 – 2.7
Alcohols, C10-16, ethoxylated	68002-97-1	0 – 2.7
Alcohols, C12-16, ethoxylated	68551-12-2	0 – 2.7

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



4. First Aid Measures

General Advice:	Remove contaminated clothing immediately.
Eye Contact:	Immediately flush eyes with large amounts of running water for at least 15 minutes, lifting the lower and upper lids. Consult an ophthalmologist if irritation persists.
Skin Contact:	Wash thoroughly with soap and water to remove any chemical from skin. Get medical attention if irritation persists. Contaminated clothing should be removed and laundered.
Inhalation:	If difficulties occur after mist or vapors have been inhaled, remove to fresh air and get medical attention immediately.
Ingestion:	Immediately rinse mouth and get medical attention immediately. <u>Do not induce vomiting unless instructed to do so by a physician.</u> Never give anything by mouth to an unconscious person or if person is having convulsions. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration.
Note to Physician:	Treat according to symptoms (decontamination, vital functions); no known specific antidote.

5. Fire Fighting Measures

Flash Point and Method:	> 100°C (PMCC)
Extinguishing Media:	Dry powder, foam, water spray - If water is used, restrict pedestrian and vehicular traffic in areas where a slip hazard may exist. Do not use water jet.
General Hazard:	Keep upwind. Restrict pedestrian and vehicular traffic. Avoid bodily contact with the material. Containers can build pressure if exposed to heat. Cool containers using water. Caution – Evolution of fumes/ fog can occur during fire.
Fire Fighting Equipment:	Wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed in accordance with all federal, state and local regulations.

6. Accidental Release Measures

Restrict access until clean-up operations are complete. Wear appropriate Personal Protective Equipment and stay upwind. Note that spills pose a slip hazard.

1. Ventilate the spill area. Dike around the spill area to prevent spreading.
2. For small spills: pick up with absorbent material. For large spills: pump into suitable container.
3. Apply an absorbing compound to any residual spilled material and shovel into a disposal container.
4. Dispose of material in accordance with to all FEDERAL, STATE AND LOCAL REGULATIONS.

NOTE: DO NOT wash or pour into any surface waters/ground waters or streams or directly into sewers.

7. Handling and Storage

Handling:	Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Keep away from sources of ignition and heat. Practice good industrial hygiene. Wash after handling and before eating, drinking, or smoking.
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Storage: Store in unopened original containers. Keep container tightly closed in a cool, dry and well-ventilated secured place. Avoid storage and equipment with iron, copper or aluminum.

Temperature Tolerance: Avoid extremes.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: Distillates (petroleum), hydrotreated light ACGIH TWA: 200 mg/m³

Exposure Guidelines: Work in well ventilated areas. Do not breathe mist or vapors. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to reduce airborne levels below established guidelines. Use local exhaust ventilation in areas where these levels may be exceeded.

Personal Protection:

- Respirator:** Wear a NIOSH/MSHA approved or equivalent vapor/particulate respirator as necessary.
- Eye Protection:** Tight fitting safety goggles and face shield
- Gloves:** Chemical resistant gloves and check with glove manufacturers' recommendations, consider all work functions when selecting the best glove.
- Clothing:** Impermeable protective clothing as necessary to minimize contact.
- Other:** Eye wash and safety showers should be in immediate work area; practice good industrial hygiene and safety practices.

9. Physical And Chemical Properties

Appearance Grey to white, liquid emulsion

Odor Ammonia

Viscosity ~1000 cps

Freeze Point -10°C

Boiling Point 100°C

Flash Point >93°C

Specific Gravity ~1.04 g/mL

Product pH ~7

Solubility in Water Limited by viscosity

10. Stability And Reactivity

Stability: The product is stable under normal temperatures and pressures

Hazardous Reactions: No hazardous reactions when stored and handled according to instructions.

Incompatibilities: Strong oxidizers.

Materials to avoid: Avoid extreme temperatures; Avoid all sources of ignition, heat, spark, open flame.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, ammonia.

11. Toxicological Information

Acute Toxicity:



Oral:	LD50	Rat	>5,000 mg/Kg
Dermal:	LD50	Rabbit	>2,000 mg/Kg
Irritation/ corrosion:	Skin	Rabbit	non-irritant
	Eye	Rabbit	irritant
Aspiration hazard:	No aspiration hazard expected.		
Sensitization:	This product is not expected to be a sensitizer		
Carcinogenicity:	None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen		
Reproductive toxicity:	No reproductive effects reported		
Teratogenicity:	No data available		
Genotoxicity:	No mutagenic effects reported		

12. Ecological Information

Ecotoxicity:	LC50 (96hr)	Danio rerio	>100 mg/L
	EC50 (48hr)	Daphnia magna	>100 mg/L
Bioaccumulation:	Accumulation in organisms is not expected.		
Degradability:	Not readily biodegradable.		

13. Disposal Considerations

Product Residues:	Prohibition – Do not discharge product, as supplied, to drains, sewers, or ground waters. Disposal – Dispose in accordance with all federal, state, and local regulations. It is the waste generator’s responsibility to determine if a particular waste is hazardous under RCRA
Used Packaging:	Dispose of in a licensed facility and in compliance with local, state, and federal regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

Proper Shipping Name:	Not classified as dangerous goods
Hazard Class:	Not regulated
Identification Number:	N/A
Packaging Group:	N/A
Label Required:	None

15. Regulatory Information

Federal Regulations

CERCLA/SUPERFUND (40 CFR 117, Section 302)

Component	CAS Number	Concentration	RQ
No components listed			

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

Component	CAS Number
No components listed	



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

[X] Acute [] Chronic [] Fire [] Pressure [] Reactive [] None

SARA TOXIC SUBSTANCES (40 CFR 372, Section 313)

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and Right – to – know Act of 1986 and of 40CFR 372.

Component	CAS Number	%
No components listed		

US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS (TSCA)

All components are listed

RCRA STATUS

It is the waste generator’s responsibility to determine if a particular waste is hazardous under RCRA

NTP, IARC, OSHA, & ACGIH STATUS

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

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

Component	CAS Number	Concentration	RQ
None listed			

State Regulations

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

Component	CAS Number
No components listed	

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE HARM.

16. Other Information

HMIS		
Health:	2	0 Minimal
Flammability:	1	1 Slight Hazard
Physical Hazard:	0	2 Moderate Hazard
		3 Serious Hazard
		4 Severe Hazard

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Revision 6/ supersedes 5/19/15 / bjj

Revisions: format, all sections