



BD-4427

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: BD-4427
SDS Number: 0195
Revision Date: 5/17/2016
Chemical Family: Acrylic Polymers
Product Use: Water Treatment Compound
Supplier Details: Alliance Group, Inc. 800-648-7339
N114 W18621 Clinton Drive
Germantown, WI 53022

Contact: CHEMTEL
Phone: 1-800-255-3924

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Acute toxicity, 5 Dermal
Health, Acute toxicity, 5 Inhalation
Health, Acute toxicity, 5 Oral

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H319 - Causes serious eye irritation
H313 - May be harmful in contact with skin
H333 - May be harmful if inhaled
H303 - May be harmful if swallowed

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+313 - If skin irritation occurs: Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause mild to moderate irritation.
Eye Contact: May cause mild to severe irritation. May cause permanent eye damage.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

*Substance/Mixture: Mixture

Acrylic Terpolymer: Proprietary
Sodium Hydroxide

Cas#	%	Chemical Name
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1310-73-2	<10%	Sodium hydroxide
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4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention if irritation persists
Ingestion: Do not induce vomiting. Rinse mouth with water. Get prompt, qualified medical attention.

5 FIRE FIGHTING MEASURES

Flammability: Not flammable or combustible.
Flash Point: Not Available
Autoignition Temp: Not Available

Fire Fighting Methods

Evacuate area of unprotected personal. Wear protective clothing including NIOSH Approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire exposed containers and disperse vapors.

Extinguishing Media

Suitable: Use water fog, alcohol foam, carbon dioxide, dry chemical

Unsuitable fire extinguisher: No data available.

Unusual Fire or Explosion Hazards: No data available.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let products enter drains. Discharge into the environment must be avoided. Flush remaining area with water to remove trace residue.

Spill

NOTE: Spilled material may be slippery. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not puncture or drop containers.

Do not expose containers to open flame, excessive heat, or direct sunlight.

Storage Requirements: Store in cool/dry area. Keep containers tightly closed when not in use.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation. Maintain adequate ventilation. Do not used in closed or confined

Personal Protective Equipment:

spaces.
Hygiene Measures:
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Respiratory:
No personal respiratory protective equipment is required.
Eyes and Face:
Wear chemical safety goggles while handling this product.
Skin:
For prolonged or repeated contact use protective gloves

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TWA/ TLV</u>
Sodium Hydroxide	2 mg/m3	2 mg/m3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear. Light yellow liquid
Physical State: Liquid
Odor: Mild odor.
Odor Threshold: No data available.
Molecular Formula: No data available.
Particle Size: No data available.
Solubility: Complete
Spec Grav./Density: 1.073
Softening Point: No data available.
Viscosity: No data available.
Percent Volatile: None
Sat. Vap. Conc.: No data available.
Heat Value: No data available.
Boiling Point: No data available.
Freezing/Melting Pt.: 32° F
Flammability: No data available.
Flash Point: No data available.
Partition Coefficient: No data available.
Octanol: No data available.
Vapor Pressure: No data available.
Vapor Density: Heavier than air
pH: 11-11.8
VOC: No data available.
Evap. Rate: Slower than ether
Bulk Density: No data available.
Molecular weight: No data available.
Auto-Ignition Temp: No data available.
Decomp Temp: No data available.
UFL/LFL: No data available.

Lower Explosion Limits: No data available.
Upper Explosion Limits: No data available.

10 STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: No data available.
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition: Acrylic monomers, carbon monoxide, carbon dioxide, hydrocarbons.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: May cause eye irritation. Serious eye damage/eye irritation. Effects may vary depending on the length of exposure, solution, concentration, and first aid measures.

Skin Effects: May be harmful if absorbed through skin. May cause skin irritation. Contact may cause drying.

Acute Inhalation Effects: No data available.

Chronic Effects: No data available.

Mutagenicity: No data available.

Teratogenicity: No data available.

Fertility Effects: No data available.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA

Acute Toxicity:

Oral (LD 50): No data available

Inhalation (LC 50): No data available

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ECOLOGICAL INFORMATION

Biodegradability No data available.

Sodium hydroxide (1310-73-2) [<10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Gambusia affinis* (Mosquito fish) - 125 mg/l - 96 h.

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 45.4 mg/l - 96 h

Toxicity to daphnia and Immobilization EC50 - *Daphnia* - 40.38 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

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DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied. DO NOT pressurize, cut, weld, solder, drill, grind, or expose empty containers to heat, flame, sparks or other sources of ignition.

This material is not listed as a hazardous waste if and when it is discarded.

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TRANSPORT INFORMATION

Not regulated as a hazardous product. DOT classification not required.

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REGULATORY INFORMATION

FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.

SARA Title III Section 311/312 Category:

- Immediate(Acute) Health Hazard: Yes
- Delayed (Chronic) Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

SARA Section 302/304/313/HAP:

Component CERCLA RQ (LBS) SARA RQ(LBS) SARA TPQ(LBS) SARA SEC 313 US EPAHAP

No data available.

STATE REGULATIONS

California- The following components are listed under Prop 65: This product does not contain any chemicals known to cause cancer and/or reproductive harm

Wisconsin- The following components are listed as a Wisconsin HAP: **None**

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OTHER INFORMATION

HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS	
HEALTH	<input type="checkbox"/> 2
FLAMMABILITY	<input type="checkbox"/> 0
PHYSICAL HAZARD	<input type="checkbox"/> 0
PERSONAL PROTECTION	<input type="checkbox"/>

Publication Date: 5/17/2016

Prepared By: T Hartmann

Reason for Revision: Update to Section 9

This information is given in good faith and based on our current knowledge of the product.

Disclaimer:

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