

BD-4427

SDS Number: 0195

Revision Date: 4/9/2020

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Alliance Group Inc. 262-251-4977
N114 W18621 Clinton Drive
Germantown, WI 53022

Phone: 800-255-3924**Emergency:** CHEMTEL

Product Identifier: BD-4427
SDS Number: 0195
Revision Date: 4/9/2020
Chemical Family: Acrylic Polymers
Product Use: Water Treatment Compound

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.**Ingestion:** May be harmful if swallowed.



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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"/>

3 COMPOSITION/INFORMATION OF INGREDIENTS

*Substance/Mixture: Mixture

Acrylic Terpolymer: Proprietary
Sodium Hydroxide

Chemical Ingredients:		
CAS#	%	Chemical Name:
1310-73-2	<10%	Sodium hydroxide

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**

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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 spaces.

Personal Protective Equipment:

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

Saturated Vapor Concentration: 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.

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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.

» Serious eye damage/eye irritation: Eyes - rabbit Result: Corrosive - 24 h

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

» Skin corrosion/irritation: Skin - rabbit Result: Causes severe burns. - 24 h

Inhalation Effects: May cause moderate irritation. May irritate nose, throat, and respiratory tract.

» Inhalation LC50 - no data available

Ingestion Effects: May cause mild irritation. May cause burning sensation, pain.

» Oral LD50 - no data available

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:

IARC: 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.



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ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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ECOLOGICAL INFORMATION

Biodegradability: No data available.

Ecotoxicity:

Toxicity to fish: LC50 - *Gambusia affinis* (Mosquito fish) - 125 mg/l - 96 h.
LC50 - *Oncorhynchus mykiss* (rainbow trout) - 45.4 mg/l - 96 h
LC50 - Bluegill - >1000mg/l - 96 h

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

Bioaccumulative potential: no data available

Mobility in soil: no data available

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

DISPOSAL: Dispose of in accordance with local, state, and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

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

NOTE: If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal

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TRANSPORT INFORMATION

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

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

RQ(1000LBS), Sodium hydroxide (1310-73-2) [<10%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

RQ = Reportable Quantity
CERCLA = Superfund clean up substance



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CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed as "Active" on the Toxic Substances Control Act (TSCA) 8 (b) Inventory.

CERCLA / SARA Emergency Reporting: A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements.

» **Product does not require reporting**

SARA Title III Section 313: This product does not require reporting.

Clean Water Act (CWA): The following chemicals are listed under Section 311 as hazardous substances requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to EPA.
Product is not listed.

STATE REGULATIONS

California- The following components are listed under Prop 65: None listed

Massachusetts - RTK Substances: The following components are listed: Product not listed

New Jersey - RTK Substances: The following components are listed: None listed

Pennsylvania - RTK Substances: The following components are listed: None listed

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OTHER INFORMATION

Prepared By: P May

Reason For Revision: Updated GHS & Regulatory Information

Disclaimer:

This information is given in good faith and based on our current knowledge of the product. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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