

BD-4409

SDS Number: 0189

Revision Date: 4/1/2020

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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-4409
SDS Number: 0189
Revision Date: 4/1/2020
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, 1
Health, Skin corrosion/irritation, 2

GHS Label Elements, Including Precautionary Statements**GHS Signal Word:** **DANGER****GHS Hazard Pictograms:****GHS Hazard Statements:**

H318 - Causes serious eye damage
H315 - Causes skin irritation

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 - IF ON SKIN: Wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.

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

Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Target Organs: No data available.
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 PPE:** C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

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COMPOSITION/INFORMATION OF INGREDIENTS

Substance/Mixture: Mixture

Chemical Ingredients:		
CAS#	%	Chemical Name:
1310-73-2	<5%	Sodium hydroxide
9003-04-7	<10%	Acrylic Polymer

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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. Consult with physician if irritation persists.

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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.

Extinguishing Media

Suitable: Use water fog, alcohol foam, carbon dioxide, dry chemical for fire extinction.

Unsuitable fire extinguisher: Direct water stream.

Unusual Fire or Explosion Hazards: No data available.

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ACCIDENTAL RELEASE MEASURES



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Personal Precautions

Use personal protective equipment. Caution - spilled material may be slippery.

Environmental Precautions

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

Spill

Soak up with inert absorbent material and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal. Watch out for slippery conditions when spillage.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Use with adequate ventilation. Do not eat, smoke or drink in work area.

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation. Maintain adequate ventilation. Do not use 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. Where risk assessment shows air-purifying respirators are appropriate then use a full-face respirator with multi-purpose combination (US). If the respirator is the sole mens of protection, use a full-face supplied air respirator,

Eyes and Face:

Wear chemical safety goggles while handling this product.

Skin:

Prevent contact with skin. For prolonged or repeated contact use protective gloves (gauntlet-type, neoprene, nitrile)

Component	OSHA PEL	ACGIH TWA/ TLV
Sodium Hydroxide	2 mg/m ³	2 mg/m ³
Acrylic Polymers	No data available.	No data available.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear. Light yellow liquid

Physical State: No data available.

Odor: Mild odor.

Odor Threshold: No data available.

Molecular Formula: No data available.

Particle Size: No data available.

Solubility: Complete

Spec Grav./Density: 1.02

Softening Point: No data available.

Viscosity: No data available.

Percent Volatile: No data available.

Saturated Vapor Concentration: No data available.



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Heat Value:	No data available.
Boiling Point:	No data available.
Freezing/Melting Pt.:	32° F
Flammability:	Not flammable
Flash Point:	No data available.
Partition Coefficient:	No data available.
Octanol:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
pH:	11-11.5
VOC:	No data available.
Evap. Rate:	No data available.
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.

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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.

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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.

- » Acrylic Polymers - no data available
- » Sodium Hydroxide - no data available

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

- » Acrylic Polymers - Dermal LD50 - no data available
- » Sodium Hydroxide - Dermal LD50 - no data available

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

- » Acrylic Polymers - Inhalation LC50 - no data available
- » Sodium Hydroxide - Inhalation LC50 - no data available

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

- » Acrylic Polymers - Oral LD50 - no data available
- » Sodium Hydroxide - Oral LD50 - no data available

Chronic Effects: No data available.

Mutagenicity: No data available.

Teratogenicity: No data available.



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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.

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.

Information on ecological effects

Toxicity:

Toxicity to fish

LC50 - Oncorhynchus mykiss (rainbow trout) - 1079 mg/l - 96 h (Acrylic Polymer)

Toxicity to aquatic invertebrate

EC50 - Daphnia magn (water flea) - 1529 mg/l - 48 h. (Acrylic Polymer)

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially 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 hazardous product according to these transport classifications.

Proper Shipping Name: Not DOT Regulated



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REGULATORY INFORMATION

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

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.

» **Sodium Hydroxide CERCLA Reporting Amount - 1000 lbs**

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. »

Sodium Hydroxide

RCRA: The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass any of EPA's four tests for determining hazardous wastes.

» **Waste Code D002 = Corrosivity**

STATE REGULATIONS

California - Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or reproductive harm.

Massachusetts - RTK Substances: The following components are listed: Sodium Hydroxide (CAS# 1310-73-2)

New Jersey - RTK Substances: The following components are listed: Sodium Hydroxide (CAS# 1310-73-2)

Pennsylvania - RTK Substances: The following components are listed: Sodium Hydroxide (CAS# 1310-73-2)

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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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