

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal Super Floc - Canada

Regal Super Floc

1. Identification

Product identifier: Regal Super Floc

Relevant identified uses: Flocculent

Distributor

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Serious Eye Damage, Category 1

Physical hazards:

Corrosive to Metals, Category 1

Label elements



Corrosion

Signal word: DANGER

Hazard statement(s)

H318: Causes serious eye damage.

H290: May be corrosive to metals.

Precautionary statement(s)

Prevention:

P234: Keep only in original packaging.

P264: Wash ... thoroughly after handling.

74880IHY: Wear eye/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/...

P390: Absorb spillage to prevent material damage.

Storage:

P406: Store in a corrosion resistant/...container with a resistant inner liner.

Emergency overview

Immediate concerns: Irritating to eyes, respiratory system and skin. Gastrointestinal irritation.

Potential health effects

Eye: Causes moderate to severe eye irritation.

Skin: May cause skin irritation.

Ingestion: May irritate the digestive tract.

Inhalation: May cause irritation of respiratory tract.

3. Composition/information on ingredients

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal Super Flocc - Canada

Regal Super Flocc

Chemical name	% w/w	CAS No.
Aluminum Chloride Hydroxide Sulfate	25 - 30	39290-78-3

4. First-aid measures

Eye: Immediately flush eyes and under eyelids with plenty of water (lukewarm, if possible) for at least 10 minutes. Seek medical advice.

Skin: Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Ingestion: DO NOT INDUCE VOMITING. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: If breathing is difficult, remove to fresh air and give oxygen. If not breathing, give artificial respiration. Obtain immediate medical advice / attention.

5. Fire-fighting measures

Flammable class: Not combustible.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Hazardous combustion products: Thermal decomposition products:

Hydrogen chloride (HCl), aluminum compounds, sulphur oxides, irritating and/or toxic gases and vapours..

Fire fighting procedures: Cool containers/tanks with water spray.

Fire fighting equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

6. Accidental release measures

Small spill: Dilute residues with water and then neutralize with lime or limestone powder to a solid consistency. Shovel or sweep up. Must be disposed of in accordance with local and national regulations.

Large spill: Remove spill using a vacuum truck. Dilute residues with water and then neutralize with lime or limestone in accordance with local and national regulations. Inform rescue service in case of entry into waterways, soil or drains.

Environmental precautions

Water spill: Do not discharge into drains or waterways.

Land spill: Do not release into the soil.

General procedures: Review safety precautions before proceeding with cleanup. Use appropriate personal protection. Dike area around spill to prevent spreading and use absorbent material to pick up spill.

Special protective equipment: Wear appropriate protective equipment and clothing during clean-up.

7. Handling and storage

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Wash contact areas after handling.

Conditions for safe storage: Store in original container. Store in corrosive resistant stainless steel container with a resistant inner liner, plastic with fiberglass reinforcement, or plastic. Empty container may contain residues; continue to follow precautions.

Comments: Avoid iron, steel, carbon steel, aluminum, carbon, brass, nylon.

8. Exposure controls/personal protection

Appropriate engineering controls: Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear tightly fitting safety goggles or face shield.

Skin protection - hand protection: PVC or neoprene gloves.

Respiratory protection: If needed, use OSHA-NIOSH approved respirator with cartridge for dusts/mists.

Skin protection - other: Wear protective clothing.

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal Super Floc - Canada

Regal Super Floc

Occupational hygiene practices: Provide safety shower and eyewash station in the work area.

9. Physical and chemical properties

Physical state: Liquid

Odor: None.

pH: 2.0 to 3.4

Initial boiling point and boiling range: 100°C (215.6°F)

Flash point: Will not burn.

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Density: 1.16-1.4 g/cm³

Relative density: 1.17 to 1.25

Solubility: Complete.

VOC content: Not applicable.

10. Stability and reactivity

Dangerous polymerization: Will not occur.

Chemical stability: Stable.

Conditions to avoid: Avoid extreme temperatures.

Possibility of hazardous reactions: Contact with certain metals (e.g. aluminum, zinc) may form explosive gas mixtures with air.

Hazardous decomposition products: Sulfur oxides, aluminum oxide, hydrogen chloride (HCl)

Incompatible materials: Iron, steel, carbon steel, aluminum, carbon, brass, nylon.

11. Toxicological information

Respiratory or skin sensitization: Non-sensitizer.

Comments: None available.

12. Ecological information

Aquatic toxicity, both acute and chronic: This material is not classified as dangerous to the environment.

Notes: Aluminum salts must not be released to rivers and lakes in an uncontrolled way and pH variations around 5 - 5.5 should be avoided.

Persistence and degradability: Completely soluble.

Bioaccumulative potential: This product is not expected to bioaccumulate.

Environmental data: The methods for determining biodegradability are not applicable to inorganic substances.

Comments: Product may lower the pH of water and thus be harmful to aquatic organisms.

13. Disposal considerations

Disposal methods: Dispose in accordance with all applicable regulations.

Empty container: Containers that cannot be cleaned must be disposed of the same way as the unused product.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Corrosive liquid, acidic, inorganic, N.O.S. (Aluminum chloride hydroxide sulfate)

UN number: UN 3264

Transport hazard class(es): 8

SAFETY DATA SHEET

Date issued : 06/05/2024

SDS number : Regal Super Flocc - Canada

Regal Super Flocc

Packing group, if applicable: III

DOT other shipping information: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 1.3 gallons.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

313 reportable ingredients: None.

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All components are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

California Proposition 65: There are no chemicals present known to the State of California to cause cancer, birth defects, or any other reproductive harm.

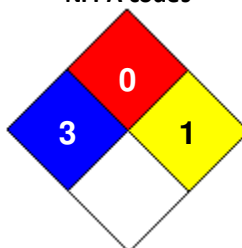
16. Other information

Date Prepared: 06/05/2024

HMIS rating

Health	<input type="checkbox"/>	3
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	1
Personal protection	<input type="checkbox"/>	

NFPA codes



Manufacturer disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).