

I - PRODUCT IDENTIFICATION

Product: Flocc Out
Chemical Family:
Formula:
CAS Number:
Synonyms:

COMPANY IDENTIFICATION

AllChem Performance Products
6010 NW First Place
Gainesville, FL 32607
Tel:352-378-9696

II – COMPOSITION, INFORMATION ON INGREDIENTS

	Exposure Limits	
Chemical or Common Name:	OSHA PEL:	ACGIH TLV:

Complex Cationic Coagulant Solution 50%
Inert Ingredients 50%

Hazard: Non-hazardous

Contains no component listed in 29 CFR 1910.1000 or other pertinent sections of the OSHA. USEPA approved for potable water up to 10ppm.

III – HAZARDS IDENTIFICATION

Primary Route(s) of Entry:

Ingestion: (X)
Inhalation: ()
Skin Contact: (X)
Eye Contact: ()

Primary Health Hazards (Acute and Chronic): Acute effects not determined.

Irritant effects: Severe, reversible eye irritation noted in rabbit study. No Skin irritation was noted.

Sensation effects: Not tested. None expected.

Carcinogenic Potential: Not listed in any OSHA standards, Section 1910.1200 sources as carcinogenic; not tested. EPA approved for potable water up to 10 ppm

Carcinogenity Listings: Not OSHA regulated.

OSHA: ()

NTP: ()

IARC: ()

Signs & Symptoms of Exposure:

Ingestion: Harmful if swallowed

Inhalation:

Skin Contact: Not normally irritating to skin

Eye Contact: Irritating to eyes

Medical Conditions Aggravated By Exposure: None except if swallowed.

IV – FIRST AID MEASURES

Emergency and First Aid Procedures:

Ingestion: Get medical attention if large amounts swallowed or there is any discomfort.

Inhalation: Remove to fresh air. Get immediate medical attention.

Skin Contact: Brush off excess and wash with fresh water.

Eye Contact: Immediately flush with water for 15 minutes. Get medical attention.

V – FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable Limits:

LEL: Same as water

UEL: N/A

Extinguishing Media: Non flammable

Special Fire-fighting Procedures: None

Unusual Fire and Explosion Hazards: None

VI – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released:

Large Spills: Dam area to prevent spill from entering fish-bearing waters. Pump into appropriate containers. Dispose off.

Small Spills: Flush liquid to sewer with copious amounts of water.

VII – HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storage:

Store in Stainless steel, Teflon, polyethylene, polypropylene.

Other Precautions: The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or

method of application, which is not described in the Product Data Sheet is the responsibility of the user.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: No special protection necessary.

Ventilation:

Local Exhaust: Normal

Mechanical Exhaust: None other than normal ventilation

Other Protective Clothing or Equipment: Rubber gloves, Safety glasses or goggles, Body-protective clothing and shoes are recommended.

Work/ Hygienic Practices: Eye wash fountains in the work area are recommended.

IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100°C (212°F)

Vapor Pressure (mm Hg): Same as water

Vapor Density (Air=1): Same as water

Solubility in Water: Completely miscible

Appearance and odor: Clear, colorless liquid; odorless

Specific Gravity (H₂O=1): 1.34 ± 0.1

Percent volatile by volume:

Melting Point: N/A

Evaporation Rate(Butyl Acetate=1):

Viscosity: 20 Cps

pH (neat): 4.3 +/- 0.1

X – STABILITY AND REACTIVITY

Stability: Unstable Stable

Conditions to Avoid: At temperatures above 500°F, hydrogen chloride gas will be liberated.

Incompatibility: Concentrated product is incompatible with copper and untreated steel.

Hazardous Decomposition or By-Products: None

Hazardous Polymerization: May Occur Will Not Occur

XI - TOXICOLOGICAL INFORMATION

Acute Toxicity:

Target Organ Toxicity:

Reproductive and Development Toxicity:

Carcinogenicity:

Mutagenicity:

XII – ECOLOGICAL INFORMATION

Aquatic Toxicity:

Avian Toxicity:

ENVIRONMENTAL HAZARDS (PR Notice 93-10)

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method:

For small spills, dilute with copious amounts of water and flush to sewer. For large volumes, bury in approved landfill according to federal, state, and local regulations.

XIV - TRANSPORTATION DATA

U.S. Department of Transportation - 49 CFR

Not regulated

Proper Shipping Name:

Hazard Class/Division Number:

ID Number:

Packing Group:

Label Required:

Placard Required:

Marine Pollutant:

Emergency Telephone Number: Chemtrec 800-424-9300

International Maritime Organization - IMDG

Proper Shipping Name:

Hazard Class/Division Number:

ID Number:

Packing Group:

Label Required:

Placard Required:

Marine Pollutant:

Emergency Telephone Number: Chemtrec 202-483-7616 [call collect]

XV - REGULATORY INFORMATION

SARA Title III:

TSCA:

XVI - ADDITIONAL INFORMATION

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

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