

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION 1

Product Name: Winter Clarifier
Product Id: 5700
Synonyms: Superfloc A-100
Date: 01-11-2016
Edition: 2
Product Use: Water clarification for swimming pools, spas and hot tubs.
Supplier Identification: Kemira Chemicals, Inc.
1000 Parkwood Circle, Suite 500
Atlanta, GA 30339
770-436-1542
Sold By: Baleco International Inc.
3200 Stateline Road
North Bend, Ohio 45052
513-353-3000

Emergency Telephone Number: CHEMTREC 1-800-424-9300 / 1-703-527-3887. For product information call 1-800-347-1542.

SECTION 2. HAZARDS IDENTIFICATION 2

Classification of the substance or mixture This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard's (29CFR 1910.1200) implementation of the Globally Harmonized System (GHS), i.e., material is not a dangerous substance or mixture requiring GHS classification according to the US GHS regulations.

GHS-Labeling Product is not hazardous under US GHS

Other hazards which do not result in classification

Advice: Spills are very slippey.
Skin: Repeated or prolonged exposure may cause skin irritation.
Eyes: Dust contact with the eyes can lead to mechanical irritation.
Ingestion: Essentially non-toxic.
Chronic Exposure: No known carcinogenic or other chronic effects.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS 3

Substances / Mixtures

Chemical nature Anionic polyacrylamide.

Further Information: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SECTION 4 FIRST AID MEASURES 4

Description of first aid measures

Inhalation: No hazards which require special first aid measures. Remove to fresh air.
Skin Contact: Wash off with plenty of soap and water.
Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. If possible, use lukewarm water.
Ingestion: Rinse mouth with water. Material is not expected to be harmful by ingestion. Never

give anything by mouth to an unconscious person. Do Not induce vomiting.
Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

SECTION 5 FIRE FIGHTING MEASURES 5

Suitable Extinguishing Media:	Water Spray; Carbon Dioxide (CO ₂); Dry Chemical; Water Mist.
Specific hazards arising from the Substance or mixture	Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.
Special Protective Equipment for Firefighters:	Wear self-contained breathing apparatus and protective suit. Use Niosh/MSHA approved respiratory protection.
Further information	Avoid dust accumulation.

SECTION 6 ACCIDENTAL RELEASE MEASURES 6

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

Environmental precautions:

Should not be released into the environment.

Methods and materials for containment and cleaning up

Product is slippery. Use an absorbant material to soak up spills. Shovel into suitable container for Disposal. After cleaning, flush away traces with water.

SECTION 7 HANDLING AND STORAGE 7

Precautions for safe handling:	For personal protection see section 8. If in dry form avoid dust Formation during handling.
Conditions for safe storage Including any incompatibilities	Store in original container. Materials to avoid: Strong oxidizing agents
Storage Stability	
Storage temperature	40 – 90° F
Other data	Stable under recommended storage conditions. Reason: integrity.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION 8

Components with workplace control parameters

Appropriate engineering controls

Contains no substances with occupational exposure limit values.

Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Respiratory protection

When working with dry form and there is potential for airborne Exposures in excess of applicable limits, wear NOSH/MSHA approved respirator protection.

Hand protection

Glove material: Impervious gloves. Avoid contact with skin.

Skin and body protection

Protective clothing.

Eye protection

Safety glasses or goggles.

Environmental exposure control

no data available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Clear to Blue
Odor:	Odorless
pH:	6 – 8 (0.5%) Aqueous solution
Melting point/range:	Not available
Freezing point:	Not applicable
Initial boiling point and Boiling range	Not determined
Flash point:	Not applicable
Explosive properties:	
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Vapor pressure:	Not applicable
Bulk density:	650 – 850 kg/m ³
Water solubility:	Limited by viscosity
Partition Coefficient (n-octanol/water):	Not available
Decomposition temperature:	392°F
Oxidizing properties:	The substance or mixture is not classified as oxidizing
Surface Tension	Not applicable

SECTION 10 STABILITY AND REACTIVITY

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Reactivity Chemical Stability

Possibility of hazardous reactions

Hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	None Known. Stable under normal conditions.
Materials to avoid:	Strong Oxidizing Agents.
Hazardous decomposition Products	Ammonium Carbon oxides (CO _x) Nitrogen oxides (NO _x)
Thermal decomposition	392°F

SECTION 11 TOXICOLOGICAL INFORMATION

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Information on toxicological effects

Acute oral toxicity	Conclusion: The acute toxicological results displayed may not be the results of actual testing of this material but based on a similar tested material. Remarks: estimated /Rat/> 5,000 mg/kg/LD50
Acute inhalation toxicity	LC50/Rat/4 h/> 20 mg/lRemarks: estimated
Acute dermal toxicity	LD50/Rabbit /> 10,000 mg/kg Remarks: estimated

Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory or skin sensitization

Conclusion: No skin irritation

Conclusion: No eye irritation

Conclusion: Not sensitizing.

Germ cell mutagenicity

Genotoxicity in vitro

AMES test: Remarks: No data available.

Carcinogenicity
Reproductive toxicity

based on available data, the classification criteria are not met.

SECTION 12

ECOLOGICAL INFORMATION

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Ecotoxicity effects

Aquatic Toxicity: Remarks: Ecotoxicological information is based on a structurally or compositionally similar product.

LC50/96hr/Lepomis macrochirus (bluegill sunfish)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l
Remarks: fresh water.

LC50/96/hr/Oncorhynchus mykiss (rainbow trout)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l
Remarks: fresh water.

EC50/48hr/Daphnia magna (Water flea)/Immobilization/OECD Test Guideline 202: > 100 mg/l
Remarks: Ecotoxicological information is based on a structurally or compositionally similar product.

IC50/72hr/Green algae (Selenastrum capricornutum)/Growth inhibition/OECD Test Guideline 201: >100 mg/l
Remarks: Ecotoxicological information is based on a structurally or compositionally similar product.

Toxicity to other organisms: No data available.

Persistence and degradability

Biological degradability: Remarks: Ecotoxicological information is based on a structurally or compositionally similar product.

CO₂ Evolution Test/OECD Test Guideline 301B/28 d: <70%

The polymeric ingredient is not readily biodegradable.

Bioaccumulative potential: Bioaccumulation is unlikely. Because of the high molecular weight of the polymer diffusion through biological membranes is very small.

Partition coefficient: n-octanol/water: not applicable.

Other adverse effects: No data available. Additional ecological information: Ecotoxicological information is based on a structurally or compositionally similar product. This material is not classified as dangerous to the environment. The effects on aquatic organisms are due to an external (non-systemic) mode of action and are significantly reduced (by a factor of 7-20) within 30 minutes due to the binding of the product to dissolved organic carbon and inorganic sorbents such as clays or silts.

SECTION 13

DISPOSAL CONSIDERATIONS

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Product:

If recycling is not practical, dispose of in compliance with local Regulations. Incineration is not recommended.
EPA Hazardous Waste – NO.

Contaminated Packaging:

Packages must be disposed of according to local and national regulations.

SECTION 14

TRANSPORT INFORMATION

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Land Transport	Not classified as dangerous in the meaning of transport regulations.
Sea Transport	Not classified as dangerous in the meaning of transport regulations.
Air transport	Not classified as dangerous in the meaning of transport regulations.
Special precautions for user	None known.

SECTION 15

REGULATORY INFORMATION

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Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Title III Section 311 Categories:

Immediate (Acute) Health Effects:	No
Delayed (Chronic) Health Effects:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactivity Hazard:	No

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40CFR 355, Appendix A): SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40CFR 372.65) – Supplier Notification Required: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 65

Acrylamide (79-06-1) % (<+0.05). Remarks: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Notification Status: All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory

Notification status

All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.

All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.

All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).

All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory.

All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on the Australian Inventory of Chemical Substances (AICS).

All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory.

All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory.

All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

All components of this product are included on the Taiwan Toxic Chemical Substances Control Act Inventory.

All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory(NZIoC).

SECTION 16

OTHER INFORMATION

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NFPA:



HMIS:



The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text. This information should be available to all who will use, handles, store, transport, or otherwise be exposed to this product. This Information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Baleco believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. Additionally, if this safety data sheet is more than three years old, you should contact Baleco at The phone number listed in section 1 to verify the safety data sheet is current.

This SDS is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Information is supplied upon the condition that the persons receiving same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will Baleco Int'l Inc be responsible for damages of any nature whatsoever resulting from the use or reliance upon information.

Reason(s) for Revision: 3 year review
 Updates to all sections to bring into compliance.

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End of Safety Data Sheet