

Safety Data Sheet

GHS-Compliant

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements



PRODUCT IDENTITY	Safety Data Sheet Revision Date January 20, 2021
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Section 1 - Identification

Product Name CRYSTAL AQUA CLARIFIER	Cas # Mixture See Section 3
Synonym	Chemical Formula No information available
Chemical Name	Chemical Family
Product Use SWIMMING POOL CLARIFIER	
Manufacturer/Supplier Name Bison Laboratories, Inc.	Address 100 Leslie Street, Buffalo, NY 14211-1621
General Information 1-716-895-2707	Country USA
Emergency Telephone 1-716-895-2707	Transportation Emergency Number CHEMTREC 1-800-424-9300

Section 2 - Hazards Identification

GHS Classification : Serious Eye Damage/Eye Irritation - Category 2A

GHS Label Elements:

Pictogram(s)



Signal Word: WARNING

GHS Label:

<i>Hazard Statements</i>	<i>Precautionary Statements</i>
Causes serious eye irritation	Response: Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes, keep eye wide open while rinsing. Remove contact lenses if present and easy to do so. Obtain medical attention if irritation persists.
	Prevention: Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye/face protection.

Section 3 - Composition/Information on Ingredients

Component Description	Percent	CAS #
Trade Secret * (This product is claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.		

Section 4 - First Aid Measures

If Swallowed:

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Rinse with copious amounts of water or milk, first. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing, Do not give fluids by mouth. In case of intentional ingestion of the product seek medical assistance immediately; take individual to nearest medical facility.

If Inhaled:

Move to fresh air; if breathing is difficult or discomfort persists, GET MEDICAL ATTENTION

If on Skin or Clothing:

Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists consult a health care professional.

If in Eyes:

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes, keep eyes wide open while rinsing. Obtain medical assistance if irritation persists.

Medical Conditions:

N/A

Effects of Overexposure:

N/A

SUMMARY OF ACUTE HEALTH HAZARDS

Ingestion:

May irritate gastrointestinal tract and cause nausea and vomiting.

Inhalation:

Causes irritation of nose and throat. Additional effects may include shortness of breath.

Skin:

Causes mild irritation. May cause more severe response if skin is abraded (scratched or cut). Additional effects may include blisters or sores.

Eyes:

Causes irritation and possible transient corneal injury. Tearing may occur.

Note to Physicians:

If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Summary of Chronic Health:

Not available

Section 5 - Fire Fighting Measures

Extinguishing:

This product is non-flammable

Special Exposure Hazards:

Avoid breathing corrosive vapors; keep upwind

Special Protective Equipment for Firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes fire-fighting helmet, coat, trousers, boots and gloves).

Fire Fighting Procedures:

N/A

NFPA Rating:

Health - 1

Flammability - 0

Instability - 0

Uniform Fire Code Rating:

N/A

Section 6 - Accidental Release Measures

Personal Precautions:

Keep authorized personnel from entering the area. Spilled material may cause a slipping hazard. See Section 8 for Personal Protective Equipment.

Emergency Procedures:

Isolate area.

Methods of Containment And Clean-Up:

Dike the spilled liquid, and either pump back into original container or cover with sand or clay-type substance for absorption. Containerize and label all spilled materials properly. Decontaminate all clothing and the spill area by flushing with large amounts of water. Dispose of per guidelines under Section 13: Disposal Considerations

Section 7 - Handling and Storage

Safe Handling:

Store at ambient temperature. Eye wash and safety shower should be provided within the immediate work area for emergency use. Launder contaminated clothing before re-use. Prevent possible eye and skin contact by wearing protective clothing and equipment.

Storage:

Protect from atmospheric moisture.

Work/Hygenic Practices:

Avoid contact with the eyes, skin, and mucous membranes. Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Ventilation:

Use local exhaust in enclosed areas. Natural ventilation for outdoor areas.

Section 8 - Exposure Controls / Personal Protection

Exposure Limits (TWA's) in Air:

Not Known

Engineering Controls:

Adequate ventilation is required.

Protective Equipment:

Employees should be provided with and use impervious clothing, rubber gloves, and rubber boots. Leather work boots and/or leather products will dehydrate with resultant shrinkage and possible destruction. Eyewash fountains are strongly recommended.

Eye Protection:

Employees should be provided with and required to use splash-proof safety goggles and splash shields where there is any possibility of product contacting eyes.

Respiratory Protection:

Respirator Protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection as indicated by your risk assessment process. Respirator use is not required for this product.

Section 9 - Physical and Chemical Properties

Appearance: Clear to straw colored liquid	Odor Threshold: Not Available
Odor: Slight Ammoniacal	pH: 6.5 Acidic
Melting/Freezing Point: Not Available	Initial Boiling Point: 100°C (212°F)
Flash Point: Closed Cup: > 100° (212° F)	Evaporation Rate: (BuAc=1): N/A
Flammability: N/A	Lower/Upper Explosive Limit: N/A
Vapor Pressure: Not Available	Vapor Density: (Air=1): N/A
Density: 1.04 g/cm ³ at 25°C (77°F)	Solubility in Water: 100%
Partition Coefficient: N/A	Autoignition Temperature: Non-Flammable
Decomposition Temperature: N/A	Viscosity: N/A
% Volatiles: Not Available	Specific Gravity: Not Known
	VOC: N/A

Section 10 - Stability and Reactivity

Reactivity:

Not known

Chemical Stability:

Stable under normal conditions of use and storage.

Possibility of Hazardous Reactions or Polymerizations:

Hazardous polymerization will not occur.

Conditions to Avoid :

Not known

Incompatible Materials:

Strong oxidizing agents and metals such as aluminum.

Hazardous Decomposition Products:

Not known.

Section 11 - Toxicology Information

Acute and Chronic Effects: See Section 4

Routes of Exposure:

Ingestion: Yes

Inhalation: No

Skin: Yes

Eyes: Yes

Symptoms related to Physical, Chemical & Toxicological Characteristics:

Moderately toxic by ingestion, slightly toxic by dermal absorption.

Mutagenicity:

N/A

Chronic Toxicity:

N/A

Target Organs:

N/A

Reproductive Toxicity:

N/A

Carcinogenicity:

Not shown as a carcinogen

Section 12 - Ecological Information

Ecotoxicity:

No ecological effects are expected in normal use.

Persistence and Degradability:

N/A

Mobility in Soil:

N/A

Accumulation:

Does not bioaccumulate

Section 13 - Disposal Considerations

Material Disposal:

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from Federal regulations. Consult state and local regulations regarding the proper disposal of this material.

Disposal of Container:

Dispose of in accordance with local, state and federal regulations.

Section 14 - Transportation Information

Shipped as a limited quantity per 49 CFR 173.154(b)

Section 15 - Regulatory Information

OSHA HAZCOM:

This product is not considered hazardous under the OSHA Hazcom Standard (29 CFR 1910.1200)

EPA FIFRA:

Not regulated as a pesticide

SARA 302 Extremely Hazardous Substances (EHS):

No chemical in this nproduct is listed as an Extremely Hazardous Substance (EHS) under section 302 of EPCRA.

SARA 304 Extremely Hazardous Substances (EHS) Release Notification:

No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.

SARA 311 / 312 Hazards:

Acute: No Chronic: No Flammability: No Pressure: No Reactivity: No

SARA 313 Reportable Chemicals:

No chemical in this product is subject to annual emissions, transfers, or waste management reporting under the Community-Right-to-Know provisions of EPCRA Section 313, also known as the Toxic Release Inventory (TRI) Report or Form R.

CERCLA Hazardous Substances:

No chemical in this product is listed as a CERCLA hazardous substance subject to the National Response Center (NRC) release reporting requirements.

Clean Air Act (CAA) Section 112® Air Pollutants:

No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112® (40 CFR 61).

TSCA (Toxic Substances Control Act):

All chemical substances in this product are listed on the U.S. TSCA Inventory List.

California Prop 65 Chemicals:

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

U.S. State Right-to-Know Regulations:

This product does not contain any substances regulated by state right-to-know regulations.

U.S. EPA Label Information:

EPA Pesticide Registration Number Not Applicable

Acronyms:

CAS # - Chemical Abstract Services Registry Number

CFR - Code of Federal Regulations

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

EPCRA - Emergency Planning and Community Right-to-Know Act.

LEPC - Local Emergency Planning Committee

SERC - State Emergency Response Commission

**National
Fire
Protection
Association
(NFPA)**

**Hazardous
Material
Identification
System
(HMIS):**

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