KRETUS®

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: **KRETUS® Fast Control (Acrylic Polymer Concrete Part C)**

Recommended Use: For professional use only.

Manufacturer: Kretus, 1055 W. Struck Ave., Orange, CA 92867

Telephone: (714) 694-2061

24 Hour Emergency Telephone Number: (800) 255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

Comments: To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/EEC.

SECTION 2: HAZARD IDENTIFICATION

Classification of the Substance or Mixture GHS-US/CA Classification
Not classified

Label Elements—GHS-US/CA Labeling
No labeling applicable

Other Hazards
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US/CA)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Chemical Name	CAS No.	Concentration (% by Weight)
Trade secret	--	--

SECTION 4: FIRST-AID MEASURES

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Contact with Eyes
Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Contact with Skin
Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Inhalation
When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Ingestion
Rinse mouth. Do not induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed
General: Not expected to present a significant hazard under anticipated conditions of normal use.
Inhalation: Prolonged exposure may cause irritation.
Skin Contact: Prolonged exposure may cause skin irritation.
Eye Contact: May cause slight irritation to eyes.
Ingestion: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.
Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media
Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Risks
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Hazardous Combustion Products: Carbon oxides (CO, CO2). Sodium oxides.

Reference to Other Sections: Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

For Non-Emergency Personnel
Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions
Avoid release to the environment. Prevent entry to sewers and public waters.

Methods and Materials for Containment and Cleaning Up
Contain and collect as any solid. Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe-Handling
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.

Conditions for Safe Storage
Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Water. Lime.

Storage Temperature: < 65 °C (< 150 °F)

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Particulates not otherwise classified (PNOC)

USA ACGIH	ACGIH TWA (mg/m3)	3 mg/m3 Respirable fraction 10 mg/m3 Total Dust
USA OSHA	OSHA PEL (TWA) (mg/m3)	5 mg/m3 Respirable fraction 15 mg/m3 Total Dust
Alberta	OEL TWA (mg/m3)	10 mg/m3 (total) 3 mg/m3 (respirable)

British Columbia	OEL TWA (mg/m3)	10 mg/m3 (nuisance dust-total dust) 3 mg/m3 (nuisance dust-respirable fraction)
Manitoba	OEL TWA (mg/m3)	10 mg/m3 (inhalable particles, recommended) 3 mg/m3 (respirable particles, recommended)
New Brunswick	OEL TWA (mg/m3)	3 mg/m3 (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) 10 mg/m3 (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction)
Newfoundland & Labrador	OEL TWA (mg/m3)	10 mg/m3 (inhalable particles, recommended) 3 mg/m3 (respirable particles, recommended)
Nova Scotia	OEL TWA (mg/m3)	10 mg/m3 (inhalable particles, recommended) 3 mg/m3 (respirable particles, recommended)
Nunavut	ACGIH TWA (mg/m3)	20 mg/m3 (insoluble or poorly soluble-inhalable fraction) 6 mg/m3 (insoluble or poorly soluble-respirable fraction)
Nunavut	OSHA PEL (TWA) (mg/m3)	10 mg/m3 (insoluble or poorly soluble-inhalable fraction) 3 mg/m3 (insoluble or poorly soluble-respirable fraction)
Northwest Territories	OEL TWA (mg/m3)	20 mg/m3 (insoluble or poorly soluble-inhalable fraction) 6 mg/m3 (insoluble or poorly soluble-respirable fraction)
Northwest Territories	OEL TWA (mg/m3)	10 mg/m3 (insoluble or poorly soluble-inhalable fraction) 3 mg/m3 (insoluble or poorly soluble-respirable fraction)
Ontario	OEL TWA (mg/m3)	10 mg/m3 (inhalable) 3 mg/m3 (respirable)
Prince Edward Island	OEL TWA (mg/m3)	10 mg/m3 (inhalable particles, recommended) 3 mg/m3 (respirable particles, recommended)
Québec	OEL TWA (mg/m3)	10 mg/m3 (including dust, inert or nuisance particulates-total dust)
Saskatchewan	OEL TWA (mg/m3)	20 mg/m3 (insoluble or poorly soluble-inhalable fraction) 6 mg/m3 (insoluble or poorly soluble-respirable fraction)

Exposure Controls

Appropriate Engineering Controls: For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles.

Materials for Protective Clothing: For occupational/workplace settings: Chemically resistant materials and fabrics.

Hand Protection: For occupational/workplace settings: Wear protective gloves.

Eye Protection: For occupational/workplace settings: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	solid; white crystalline powder
Odor	None
Odor Threshold	No data available
pH	8.2 (1% Solution)

Melting/Freezing Point	No data available
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability	No data available
Upper/Lower Flammability or Explosive Limits	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density/Specific Gravity	62 lb/ft3 (993 kg/m3)
Solubility(ies)	Water: 8.6 g/100ml @ 20 °C (68 °F)
Partition Coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability
Stable under recommended handling and storage conditions (see section 7).

Reactivity
Hazardous reactions will not occur under normal conditions.

Possibility of Hazardous Reactions
Hazardous polymerization will not occur.

Conditions to Avoid
Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials
Strong acids, strong bases, strong oxidizers. Water. Lime.

Hazardous Decomposition Products
None known. At high temperature may liberate toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified Acute Toxicity (Inhalation): Not classified LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified pH: 8.2 (1% Solution)
Eye Damage/Irritation: Not classified pH: 8.2 (1% Solution)
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

Chronic Symptoms: None expected under normal conditions of use. Information on Toxicological Effects - Ingredient(s)
LD50 Oral Rat: 7334 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecology - General: Not classified.

LC50 Fish 1: 7100 mg/l Bluegill
EC50 Daphnia 1: 4100 mg/l Daphnids
LC50 Fish 2: 7700 mg/l Rainbow Trout

Persistence and Degradability: Not established.

Bioaccumulative Potential: Not established.

Mobility in Soil: Not available.

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

	UN NUMBER	UN PROPER SHIPPING NAME	TRANSPORT HAZARD CLASSES	PACKING GROUP	ENVIRONMENTAL HAZARDS
DOT	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**
IMO/IMDG	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**
IATA/CAO	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**	**Not Regulated**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

SECTION 15: REGULATORY INFORMATION

US State Regulations
Neither this product nor its chemical components appear on any US state lists.

SECTION 16: OTHER INFORMATION

Prepared by Kretus Inc.

Revision Date 1/16/23

Revision Note Reformatting

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS

SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.