

# KRETUS GROUP®



## Safety Data Sheet

### Section 1: Identification

**Product Name:** KRETUS® Acrylic Admix  
**Recommended Use:** For residential and industrial use  
**Manufacturer:** Kretus Group® 1426 W Collins Ave, Orange, CA 92867  
**Telephone:** (714) 681-2286  
**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 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Product Act.

### Section 2: Hazard Identification

**Emergency Overview:** If the solution is swallowed, some stomach discomfort can be expected. Irritation of the mouth, throat and stomach. Causes eye burns and skin irritation.

#### GHS Classification

**Physical Hazards:** Waterborne. No Physical hazards.

Health Hazards Acute Toxicity	Category 4: Warning	H302: Harmful if swallowed	Symbol: Exclamation mark
Skin Corrosion/Irritation	Category 4: Warning	H312: Harmful in contact with skin	Symbol: Exclamation mark
Eye Irritation	Category 2B: Warning	H320: Causes Eye Irritation.	
Inhalation Hazard	Category 4: Warning	H332: Harmful if inhaled.	Symbol: Exclamation mark
Aspiration Hazard:	Category 2: Warning	H305: May be harmful if swallowed and enters airways.	Symbol: Health Hazard

#### GHS label elements: Hazard pictograms/symbols



**GHS Signal Word:** DANGER!

#### GHS Hazard Statements:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H320: Causes eye irritation.

H332: Harmful if inhaled.

H305: May be harmful if swallowed and enters airways.

#### Precautionary Statements

P261: Avoid breathing dust/fume/gas/mist/vapors/spray

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

**Route of Entry:** Inhalation: yes. Skin: yes. Ingestion: yes.

**Carcinogenicity:** NTP: no. IARC: no. OSHA: no.

**Reproductive Toxicity:** No reproductive toxins over 0.1% in product.

**Target Organ Systemic Toxicity (TOST):** No data found.

**Effects of Exposure:**

**Acute: Eye:** Causes eye irritation.

**Skin:** Causes skin irritation. Prolonged/repeated exposure can cause moderate irritation, de-fatting and dermatitis.

**Inhalation:** Harmful by inhalation. Concentrated inhalation (huffing) may cause damage to the lungs and central nervous system. Prolonged exposure over TLV may produce pneumoconiosis.

**Signs and Symptoms of Overexposure:** Causes headache, drowsiness or other effects to the central nervous system. Prolonged exposure over TLV may produce pneumoconiosis. Chronic exposure may cause permanent damage of health.

**Medical Conditions Aggravated by Exposure:** Any respiratory or skin condition.

Read the entire SDS for a more thorough evaluation of the hazards.

**Section 3: Composition/ Information on Ingredients****Substances**

Chemical Name	CAS Number	% (by weight)	Comments
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	<5%	
1,2-dihydroxypropane	57-55-6	<5%	

See Section 11 for Toxicological Information.

**Section 4: First-Aid Measures**

**Eye:** Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids. Obtain medical attention.

**Skin:** Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

**Inhalation:** Remove to fresh air. Apply artificial respiration/administer oxygen if necessary. Call physician immediately. If person is unconscious, transport affected person in reclined position. Never give an unconscious person anything by mouth.

**Ingestion:** Keep person warm and quiet. Get immediate medical attention. Do not induce vomiting because of risk of aspiration of material into lungs. Drink several glasses of water to dilute the product in the stomach. Never give anything by mouth to an unconscious person.

**Section 5: Fire-Fighting Measures**

**Flammability Summary (OSHA):** Not a Flammable liquid.

**Flash Point:** Waterborne. >240F (116C) Setflash.

**Upper Flammable/Explosive Limit, % in air:** Not Determined

**Lower Flammable/Explosive Limit, % in air:** Not Determined

**Unusual Fire/Explosion Hazards:** Closed containers may explode when exposed to fire due to pressure buildup.

**Extinguishing Media:** Carbon Dioxide, dry chemical, foam and/or water fog.

**Fire Fighting Instructions:** Fire fighters should be equipped with self-contained breathing apparatus and turn out gear. Water spray may be used for cooling containers to prevent possible pressure build up and auto ignition/explosion when exposed. Guard against toxic gasses released by fire. If safe, remove container from fire zone.

**Products of Combustion:** Dried product can be made to burn, releasing Carbon Dioxide, Carbon Monoxide.

**Section 6: Accidental Release Measures**

Avoid contact with eyes. Evacuate the area of all unnecessary personnel. Ventilate area. Equip employees with appropriate protective equipment. Dike around spilled material. Cover spill with inert/absorbent material and shovel with non-sparking tools into container. Remove containers to safe area and seal. Use sand or absorbent to collect material and to prevent flow into storm water or ground.

**Waste Disposal Methods:** Waste material must be disposed of in accordance with federal, state and local environmental regulatory controls.

**Section 7: Handling and Storage**

**Handling:** Keep container closed when not in use. Containers are heavy. Lift properly to avoid back strain.

**Drums:** Protect against physical damage.

**Bulk:** Storage should be in standard lidded storage tanks.

**Other Precautions:** Clean up spills quickly to prevent slipping on the wet surface.

**Section 8: Exposure Controls/ Personal Protection**

**Respiratory Protection:** If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection read and follow all respirator manufacturer's instructions.

**Ventilation:** Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit.

**Protective Gloves:** Chemical resistant gloves may be used if desired.

**Eye Protection:** Chemical workers' goggles.

**Other Protective Equipment:** Waterproof aprons. Eye bath and safety shower. To prevent repeated or prolonged skin contact wear impervious clothing and boots. Use hand cream and barrier cream around chemicals.

**Work Hygiene Practices:** Wash hands and clothing after exposure.

**Supplemental Safety and Health:** First aid procedures: Vomit can cause chemical pneumonia which can be fatal.

**Ventilation:** Filters to reduce environmental contamination.

**Effects of overexposure:** Dermatitis from oils in skin being removed with long term contact.

**Medical conditions aggravated by exposure:** Any respiratory or skin condition.

**Exposure Controls/Personal Protection:**

Hazardous Ingredient	w/w%	CAS No	OSHA PEL
2,2,4-trimethyl-1,3-pentanediol monoisobutryate	<5%	25265-77-4	Not Established
1,2-dihydroxypropane	<5%	57-55-6	Not Established

### Section 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Clear
Odor:	Slight hydrocarbon
Odor Threshold:	High
pH:	8-10
Melting Point/freezing point:	Not determined
Initial boiling point and boiling range:	212F(100C)
Flash Point:	Waterborne. 240F(116C) Setaflash
Evaporation rate:	slower than ether
Flammability of solid or gas:	Not determined
Upper Flammability Limit:	Not determined
Lower Flammability Limit:	Not determined
Vapor Pressure:	Not determined
Vapor Density	Not determined
Solubility in Water:	Dispersible
Specific Gravity relative to water:	1.03 Approximately
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Non Volatile:	<40% w/w
Volatile:	<70% w/w
VOC:	77 g/l minus water and exempt solvents

### Section 10: Stability and Reactivity

**Stability and Reactivity Summary:** Stable under normal conditions

**Reactive Properties:**

**Sensitivity to mechanical shock:** None

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Do not heat closed containers

**Chemical Incompatibility:** Strong oxidizing agents

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>

**Section 11: Toxicological Information**

Hazardous Ingredient	w/w%	CAS No	LD50
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	<5	25265-77-4	Oral, Rat>3,200 mg/kg
1,2-dihydroxypropane	<5	57-55-6	Not found

Mutagens/Teratogens/Carcinogens: Not present over 0.1% in formula.

**Section 12: Ecological Information**

Hazardous Ingredient	w/w%	CAS No	LC50
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	<5	25265-77-4	Fathead Minnow 96hr: 33mg/l
1,2-dihydroxypropane	<5	57-55-6	Biodegradable

Mutagens/Teratogens/Carcinogens: Not present over 0.1% in formula.

**Section 13: Disposal Considerations**

**Disposal Methods:** Dispose of in accordance with local, state and federal regulations.

**Section 14: Transport Information**

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**US Ground (DOT):**

Proper shipping name: PAINT, NOT REGULATED.

IMO: Not Regulated for Transportation. Not a marine pollutant.

IATA: Not Regulated for Transportation.

**Section 15: Regulatory Information**

UNITED STATES:

**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

**Superfund Amendments and Reauthorization Act (SARA) Title III:** No ingredients present.

**Sections 311/312 Hazard Categories (40 CFR 370.2):**

**Immediate/Acute Health Hazard:** Yes

**Delayed/Chronic Health Hazard:** Yes

**Fire Hazard:** No

**Pressure Hazard:** No

**Reactivity Hazard:** No

**Federal and State Regulations:**

**California prop.65:** This product contains a trace amount of a chemical known to the State of California to cause birth defects or other reproductive harm.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: A (see Section 8 for Personal Protective Equipment (PPE)).

Specific hazard: Keep out of reach of children.

**Section 16: Other Information**

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

<i>Scale 0-4</i>		<i>NFPA</i>	<i>HMIS</i>
4 – Severe Hazard	Health	1	1
3 – Serious Hazard	Flammability	0	0
2 – Moderate Hazard	Reactivity	0	0
1 – Slight Hazard			
0 – Minimal Hazard			

**Personal Protection:** Safety goggles, neoprene rubber gloves, vapor respirator

**Disclaimer**

The information and recommendations presented herein are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes and usage. Because of numerous factors affecting results, KRETUS GROUP® and its affiliation makes no warranty of any kind, express or implied, including those of merchantability and fitness for purpose, other than material conforms to our applicable current specifications. KRETUS GROUP® assumes no legal responsibility for use or reliance on the information contained in this safety data sheet.

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