

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: CC-1027

1.2. Intended Use of the Product

Water Treatment Chemical, Processing aid for industrial applications For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Company

Synthex Organics, LLC

4601 Cortland Avenue

Altoona, PA 16601

(814) 941 - 8375

www.synthexorganics.net

1.4. Emergency Telephone Number

Emergency Number : Call CHEMTREC Day or Night 1 (800) 424 - 9300 / +1 (703) 527 - 3887

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Not classified

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US):

None

Signal Word (GHS-US):

None

Hazard Statements (GHS-US):

None

Precautionary Statements (GHS-US):

Prevention

Spills produce extremely slippery surfaces

Response

If ON SKIN: Wash with plenty of water.

If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage

Store away from incompatibles. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Hazardous Ingredient(s)	% wt.*	CAS No.
Contains no reportable substances		

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SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

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).

First-aid Measures After Inhalation: Move to fresh air. Call a physician if symptoms develop or persist. No hazard which would require special first aid measures.

First-aid Measures After Skin Contact: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Alternatively, rinse immediately with Diphoterine. Get medical attention if irritation develops and persists.

First-aid Measures After Ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

None under normal use

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

None under normal use.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: In case of fire: Water, Water spray, Foam, Carbon dioxide (CO₂), Dry Powder

Unsuitable Extinguishing Media: None

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable

Explosion Hazard: No unusual fire or explosion hazards noted.

Reactivity: Spills produce extremely slippery surfaces

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Move containers from fire area if you can do so without risk.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Hazardous decomposition products formed under fire conditions. – hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x), Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: 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. Ventilate area.

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6.2. Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up:

Large Spills: Do not flush with water. Dam up. Clean up promptly by scoop or vacuum. Soak up residues with inert absorbent material. After cleaning, flush traces away with water.

Small Spills: Do not flush with water. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: May be corrosive to metals.

Precautions for Safe Handling: Avoid contact with eyes and skin. Renders surfaces extremely slippery when spilled. Do not eat, drink or smoke.

Hygiene Measures: Observe good industrial hygiene practices.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

7.3. Specific End Use(s)

Water treatment chemical, For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Occupational Exposure Limits

		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, natural ventilation is adequate in absence of mists. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Eye Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: Use protective gloves made of: Polyvinyl chloride (PVC) or other plastic material gloves. Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

Respiratory Protection: No personal respiratory protective equipment normally required.

Other Information: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear to slightly yellow liquid
Odor	: None
Odor Threshold	: Not available
pH	: 3-7
Evaporation Rate	: Not available
Melting Point	: <0 °C
Freezing Point	: Not available
Boiling Point	: >100 °C
Flash Point	: Does not flash
Auto-ignition Temperature	: Does not self-ignite
Decomposition Temperature	: >150 °C
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: 2.3 kPa @ 20 °C
Relative Vapor Density at 20°C	: 0.804 g/L @ 20 °C
Relative Density	: Not available
Specific Gravity	: 1.05-1.10
Solubility	: Water: Miscible
Partition Coefficient: N-Octanol/Water	: <0
Viscosity	: Not available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Stable under normal conditions.
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Protect from frost, heat and sunlight
- 10.5. **Incompatible Materials:** None known
- 10.6. **Hazardous Decomposition Products:** Hazardous decomposition products formed under fire conditions. – hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x), Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral):	LD50/oral/rat >5000 mg/kg
Acute Toxicity (Dermal):	LD50/dermal/rat >5000 mg/kg
Acute Toxicity (Inhalation):	Testing by inhalation is inappropriate because exposure of humans via inhalation is unlikely; the substance has no vapor pressure and there is practically no exposure to inhalable aerosols.
Irritation / Corrosivity	Non-irritating to skin, slightly irritating to eyes
Sensitisation	Not sensitizing to skin
Repeated dose toxicity	Not to be expected.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Mutagenicity	Negative
Toxicity for reproduction	Not to be expected
Reproductive toxicity	Not to be expected
Specific target organ toxicity - single exposure (GHS)	No known effects

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Specific target organ toxicity - repeated exposure (GHS)	No known effects
Aspiration hazard	Due to viscosity, this product does not represent an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Fish	LC50 Danio rerio/96 hours = 10-100 mg/L
Invertebrates	EC50/Daphnia Magna/48 hours = 10-100 mg/L
Persistence and degradability	Not readily biodegradable.
Bioaccumulative potential	This product is not expected to bioaccumulate.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available
Other adverse effects	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information: Rinse empty container with water and use rinse water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

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.

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	Not Classified	Not Classified	Not Classified
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

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

OSHA Hazards Combustible Liquid, Irritant

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
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None		
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SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None		-----

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

None

New Jersey Right To Know Components

None

California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

HMIS Classification Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating Health hazard: 0
Fire: 0
Reactivity Hazard: 0

The following sections contain revisions or new statements: 1-16.

Date of preparation: November 17, 2022

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

Training advice: None.

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