

## ClO2-C Base

### 1. Product and Company Identification

Product Name	ClO2-C Base (no synonyms)
Product Use	Teat dip when diluted with ClO2-C Activator & water
Product dilution information	Dilution detailed on label
Company Identification	Direct Farm Supply LLC 921 Allison Rd Bellefontaine, OH 43311
Telephone	Direct Farm Supply LLC – 612.203.8554 CHEMTREC – 800.424.9300

*NFPA diamond and HMIS ratings for this product may be found in section 16 of this Safety Data Sheet.*

### 2. Hazards Identification

Form	Liquid
Color	Clear
Odor	Chlorine
OSHA/HCS Status	Material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200); corrosive to eyes
GHS Classification	Skin corrosion (Category 1A) Serious eye damage (Category 1) Acute aquatic toxicity (Category 1)

Pictogram



Signal Word Danger

Hazard Statement(s)

H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.

Precautionary Statement(s)

P260 Do not breathe mists.  
P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
P363 Wash contaminated clothing before reuse.  
P391 Collect spillage.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved waste disposal plant.

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### Potential Acute Health Effects

Inhalation	Product is irritating to the nose, throat, and respiratory tract.
Ingestion	Causes digestive tract burns.
Skin	Causes skin burns.
Eyes	Causes serious eye damage.

**See section 11 for more detailed information on health effects and symptoms**

### 3. Composition/Information on Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>WT %</u>
Sodium Chlorite	7758-19-2	4-10
Glycerin	56-81-4	20-40

### 4. First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink large amounts of water. Consult a physician.
Protection of First Aid Personnel	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wear gloves while removing contaminated clothing. If it is suspected that dust, vapor, mist, or gas is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

### 5. Fire-fighting Measures

Flammability of the Product	Not flammable or combustible
Flash Point (Method)	None
Auto Ignition Temperature	None

#### Extinguishing Media

Suitable	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Not Suitable	No data available
Special Fire-fighting Procedures & Hazards	Wear self-contained breathing apparatus for firefighting.
Unusual Fire & Explosion Hazards	None known

### 6. Accidental Release Measures

Personal Precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
Environmental Precautions	Do not let product enter drains. Very toxic to aquatic life.
Spill	Soak up with inert absorbent material and dispose of as hazardous waste. Do not flush with water. Keep in suitable, closed containers for disposal.

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### 7. Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Storage	Keep containers tightly closed in a dry and well-ventilated area. Do not store near acids. Store above 32°F (0°C).

### 8. Exposure Controls/Personal Protection

<u>Ingredient Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Sodium Chlorite	5 mg/m <sup>3</sup> – TWA	5 mg/m <sup>3</sup> – TWA
Engineering Measures	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Maintain adequate ventilation. Keep levels below exposure limits.	
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Respiratory	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.	
Eyes and Face	Wear chemical safety goggles while handling this product. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material.	
Skin	Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: gauntlet-type, neoprene, nitrile.	

### 9. Physical and Chemical Properties

Appearance	Clear liquid
Odor	Chlorine
pH	11.75
Water Solubility	Complete
Vapor Density (air = 1)	Not determined
Evaporation rate (butyl acetate = 1)	Not determined
Boiling Point (°F)	Not determined
Freezing Point (°F)	35 °F (1.7 °C)
Crystallization Point	Not determined
Specific Gravity	1.030
Vapor Pressure (mm Hg, 20 °C)	Not determined
Volatile Organic (VOC) Content	None

### 10. Stability and Reactivity

Stable:	X	Unstable:		Hazardous Polymerization:		Occurs:		Does Not Occur:	X
Conditions to Avoid	Sources of heat.								
Materials to Avoid	Acids.								
Decomposition Products	May include: carbon oxides, nitrogen oxides, sulfur oxides, oxides of phosphorus.								

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### 11. Toxicological Information

Eye	Causes serious eye damage.
Sodium Chlorite	Eyes – no data available
Dermal	Causes skin burns.
Sodium Chlorite	Dermal LD50 – 3494 mg/kg (approximate) Skin corrosion/irritation: no data available
Inhalation	Product is irritating to the nose, throat, and respiratory tract.
Sodium Chlorite	Inhalation LC50 – 40 mg/l – 4 hr
Oral	Product is irritating to the nose, throat, and respiratory tract.
Sodium Chlorite	Oral LD50 – > 5000 mg/kg

### Potential Chronic Health Effects

Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by NTP or OSHA.
Mutagenicity	No data available
Teratogenicity	No data available
Fertility Effects	No data available

### 12. Ecological Information

Biodegradability	No data available
Ecotoxicity	Toxic to aquatic life

### 13. Disposal Considerations

Waste Disposal	Offer surplus and non-recyclable solutions to a licensed disposal company.
RCRA	No component of this product is listed as a hazardous waste.

### 14. Transportation

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

<u>US DOT 49 CFR 172.101</u>	<u>Non-bulk Shipments (Drums/Totes)</u>	<u>Bulk Shipments (Tank Trucks/Rail Cars)</u>
Proper Shipping Name	Chlorite Solutions	Same
Hazard Class	8	Same
Identification Number	UN1908	Same
Packing Group	III	Same
Reportable Quantities	Not applicable	Same
Placards/Labels	Corrosive	Same

### 15. Regulatory Information

CERCLA / SARA Emergency Reporting	A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements. Consult counsel for further guidance on your responsibilities under these laws. <b>No component requires reporting</b>
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SARA Title III Section 313 The following components are subject to reporting levels established by SARA Title III, Section 313:  
**No component requires reporting**

Clean Water Act (CWA) Section 311 The following chemicals are listed under Section 311 as hazardous substances requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to EPA.  
**No component listed**

TSCA – Toxic Substances Control Act All components of this product are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.

RCRA – Resource Conservation and Recovery Act The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass any of EPA’s four tests for determining hazardous wastes. Note: If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.  
**No component listed**

### State Regulations

Massachusetts **RTK Substances:** The following components are listed: no component listed

New Jersey **RTK Substances:** The following components are listed: Sodium Chlorite (CAS #7758-19-2)

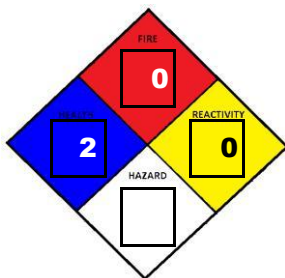
Pennsylvania **RTK Substances:** The following components are listed: Sodium Chlorite (CAS #7758-19-2)

California **Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

### 16. Other Information

Date of Issue **1/1/2021**

NFPA



HMIS

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PPE</b>	

Caution: NFPA and HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. The customer is responsible for determining the PPE code for this material.

### Notice to Reader

The information contained herein is given in good faith, but no warranty, representation, inducement, or license of any kind is made, except that the information is accurate to the best of Direct Farm Supply LLC’s knowledge, or is obtained from sources believed by Direct Farm Supply LLC to be reliable and accurate. Direct Farm Supply LLC does not assume any legal responsibility for use or reliance upon the information being furnished. Customers are encouraged to conduct their own tests. Before using any product, read the container label directions, as well as, the Safety Data Sheet.