

# Material Safety Data Sheet      Chem-CD Part B

ClorDiSys Solutions, Inc

Material Safety Data Sheet

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**NFPA Classification:****Health:** 0**Flammability:** 0**Instability:** 0**Special Hazards:** No OSHA Hazards**HMIS Classification:****Health:** 0**Flammability:** 0**Reactivity:** 0

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Common Name:** Chlorine Dioxide Release Material**Chemical Name:** Chemical Mixture**Product Use:** Various Applications.**Supplier:** ClorDisys Solutions, Inc

PO Box 549

Lebanon, NJ 08833

For Chemical Emergency Call CHEMTREC (24 Hours):  
 1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)  
 1-703-527-3887 (Outside Above Area)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	EINECS#	Weight in Product %	Notes
(+)-Sodium L-ascorbate	134-03-2	205-126-1	97-100%	None
Proprietary Ingredient 1			<1%	None
Proprietary Ingredient 2			<1%	None
Proprietary Ingredient 3			<1%	None
Proprietary Ingredient 4			<1%	None

**Other Information:** The percentage by weight values reported for this product represent approximate formulation values.

## 3. HAZARDS IDENTIFICATION

**Potential Health Effects:****Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.**Ingestion:** May be harmful if swallowed.**Skin Contact:** May be harmful if absorbed through skin. May cause skin irritation.**Eye Contact:** May cause eye irritation.

## 4. FIRST AID MEASURES

**Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.**Skin Contact:** Wash with soap and water. Get medical attention if irritation persists.**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

## 5. FIRE FIGHTING MEASURES

**Flash Point, C:** Not Applicable**Autoignition Temperature, C:** Not Applicable**Lower explosive Limit, %:** Not Applicable**Upper Explosive Limit, %:** Not Applicable**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**Fire Fighting Procedures:** Self-contained breathing apparatus for fire fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid dust formation.**Environmental precautions:** Do not let product enter drains.

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**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection.

Keep container tightly closed in a dry and well-ventilated place.

Light sensitive.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protective equipment

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:** For prolonged or repeated contact use protective gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Solid (solid crystalline powder).

**Color:** No Data Available

**Odor:** Odorless

**Boiling Point, C:** No Data Available

**Melting point:** 220 °C (428 °F)

**Solubility (in water)** No Data Available

**pH:** No Data Available

**Flash point:** No Data Available

**Ignition temperature:** No Data Available

**Lower explosion limit:** No Data Available

**Upper explosion limit:** No Data Available

## 10. STABILITY AND REACTIVITY

**Stability Data:** Stable under recommended storage conditions.

**Conditions/Hazards to Avoid:** Exposure to light.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents, Strong bases.

**Hazardous Reactions:** Upon exposure to water vapor, chlorine dioxide gas is released.

**Hazardous Decomposition Products:** **Hazardous decomposition products formed under fire conditions.** Carbon oxides, Sodium/sodium oxides.

## 11. TOXOLOGICAL INFORMATION

**Acute toxicity:** no data available

**Irritation and corrosion:** no data available

**Sensitization:** no data available

**Chronic exposure:** no data available

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Potential Health Effects

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

**Elimination information (persistence and degradability):** No data available

**Environmental Fate:** No data available.

**Ecotoxicological Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

## 14. TRANSPORT INFORMATION

**US Department of Transportation (US-DOT):** Not dangerous goods

**International Maritime Organization (IMO):** Not dangerous goods

**International Air Transport Association (IATA):** Not dangerous goods

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## 15. REGULATORY INFORMATION

<b>OSHA Hazards:</b>	No OSHA Hazards
<b>TSCA Status:</b>	On TSCA Inventory
<b>DSL Status:</b>	All components of this product are on the Canadian DSL list.
<b>SARA 302 Components:</b>	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components:</b>	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>SARA 311/312 Hazards:</b>	No SARA Hazards.
<b>Massachusetts Right To Know Components:</b>	No Components Listed.
<b>Pennsylvania Right To Know Components:</b>	Sodium ascorbate, CAS-No.134-03-2.
<b>New Jersey Right To Know Components:</b>	Sodium ascorbate CAS-No.134-03-2.
<b>California Prop. 65 Components:</b>	This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

## 16. OTHER INFORMATION

<b>Revision Number:</b>	1
<b>Section(s) Revised</b>	New
<b>Prepared By:</b>	ClorDiSys Solutions, Inc

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