

# ProKure<sup>®</sup> V

## SAFETY DATA SHEETS

<b>ProKure V Ready-to-Use Solution</b>	<b>01</b>
--	-----------

<b>ProKure V Unreacted Pouch</b>	<b>15</b>
--------------------------------------	-----------

# ProKure<sup>®</sup> V

**SAFETY DATA SHEET**

---

## **ProKure V Ready-to-Use Solution**



THIS SDS COMPLIES WITH REACH 1907/2006  
& 2001/58/EC, GHS, OSHA 29CFR 1910.1200

**ProKure**<sup>®</sup>

## Section 1: Chemical Product & Company Identification

<b>PRODUCT NAMES:</b>	<b>PROKURE<sup>®</sup> V READY TO USE SOLUTION</b>
<b>FORMULA:</b>	Preparation/Mixture
<b>PRODUCT USE:</b>	Disinfectant/Sanitizer/Tuberculocide/Virucide/ Fungicide/Algaecide/Slimicide/Deodorizer <i>*See product label for details.</i>
<b>MANUFACTURER'S NAME:</b>	ProKure Solutions
<b>ADDRESS:</b>	5013 E. Washington Street, Ste. 100 Phoenix, AZ 85034
<b>Safety Data Sheet Competent Person:</b>	<a href="mailto:bernie.lorenz@prokure1.com">bernie.lorenz@prokure1.com</a>
<b>SUPPLIER'S NAME:</b>	ProKure Solutions
<b>ADDRESS:</b>	5013 E. Washington Street, Ste. 100 Phoenix, AZ 85034
<b>TELEPHONE NUMBER:</b>	866-206-1301
<b>TOLL FREE:</b>	
<b>FAX:</b>	480-304-3327
<b>EMERGENCY TELEPHONE:</b>	Chemtrec 24 Hours: 1-800-424-9300
<b>DATE PREPARED:</b>	September 23, 2020

## Section 2: Hazards Identification

**GHS Hazard Class:** Not classified

### GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

<b>Pictograms:</b>	None.
<b>Signal Word:</b>	None.
<b>Hazard Statements:</b>	None.
<b>Other Statements:</b>	Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Under normal conditions of use, when fully reacted and in solution, the solution is not considered hazardous. However, if the ProKure <sup>®</sup> V product is altered, or directions for use are not properly followed, the solution may evolve chlorine dioxide gas. At high concentrations chlorine dioxide gas can be explosive and may be fatal if inhaled. If chlorine dioxide concentrations in solution reach $\geq 3\%$ w/w this product may be irritating to the eyes, skin, and respiratory tract. At concentrations of 1-5% it will cause skin irritation and eye damage, and at concentrations $> 5\%$ it will cause skin burns.
<b>Unknown Acute Toxicity (GHS-US):</b>	Not available

## Section 3: Composition/Information on Ingredients

Product Composition	CAS NO.	Approx. %*	Classification (GHS)
Chlorine dioxide	10049-04-4	0.000025-0.01	Not Classified
Chlorine dioxide	10049-04-4	0.05	Ox. Gas 1, H270 Compressed gas, H280 Acute Tox. 1 (Inhalation: gas), H330 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

\*Percentages are listed in weight by weight percentage (w/w%) in solution. Gas concentrations are listed in volume by volume percentage (v/v%).

## Section 4: First Aid Measures

### DESCRIPTION OF FIRST AID MEASURES

<b>General:</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
<b>Inhalation:</b>	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
<b>Skin Contact:</b>	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
<b>Eye Contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED

<b>General:</b>	Not expected to present a significant hazard under anticipated conditions of normal use
<b>Symptoms/Injuries After Inhalation:</b>	Prolonged exposure may cause irritation.
<b>Symptoms/Injuries After Skin Contact:</b>	Prolonged exposure may cause skin irritation.
<b>Symptoms/Injuries After Eye Contact:</b>	May cause slight irritation to eyes.
<b>Symptoms/Injuries After Ingestion:</b>	Ingestion may cause adverse effects.

**Chronic Symptoms:** None known.

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION & SPECIAL TREATMENT NEEDED

Symptoms may be delayed. 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

#### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Water spray.

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

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**Fire Hazard:** Not considered flammable but may burn at high temperatures. Contains an oxidizing material which in high concentration may accelerate fire.

**Explosion Hazard:** Product is not explosive. Product is not explosive but may evolve explosive chlorine dioxide gas when pressurized or heated.

#### ADVICE FOR FIREFIGHTER

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

**Firefighter Instructions:** Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

**Protective Actions Firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection

**Hazard Combustion Products:** Chlorine dioxide, chlorine gas.

**Further Information:** Risk of explosion if heated under confinement.

#### REFERENCE TO OTHER SECTIONS

Reference to Section 9 for flammability properties.

## Section 6: Accidental Release Measures

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES

Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

## FOR NON-EMERGENCY PERSONNEL

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

**Emergency Procedures:** Evacuate unnecessary personnel.

## FOR EMERGENCY PERSONNEL

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

**Emergency Procedures:** Evacuate unnecessary personnel.

## ENVIRONMENTAL PRECAUTIONS

Prevent entry to storm drains and public waters.

## METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP

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

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## REFERENCE TO OTHER SECTIONS

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

## Section 7: Handling & Storage

### PRECAUTIONS FOR SAFE HANDLING

**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 vapors, mist, and spray.

**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.

**Storage Conditions:** Keep container closed when not in use. Store in dry, cool and well-ventilated place. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Reducing agents. Organic materials

**Specific Uses:** Disinfectant/Sanitizer/Tuberculocide/Virucide/Fungicide/Algaecide/Slimicide/Deodorizer

## Section 8: Exposure Controls/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

### CHLORINE DIOXIDE (CAS#10049-04-4)

<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Mexico</b>	OEL TWA (ppm)	0.1 ppm
<b>Mexico</b>	OEL TWA (ppm)	0.9 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (ppm)	0.3 ppm
<b>USA ACGIH</b>	ACGIH TWA (ppm)	0.1 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	0.3 pp
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	0.1 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	0.1 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	0.9 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	0.3 ppm
<b>USA IDLH</b>	US IDLH (ppm)	5 ppm
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	0.8 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	0.3 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	0.1 ppm
<b>British Columbia</b>	OEL STEL (ppm)	0.3 ppm
<b>British Columbia</b>	OEL TWA (ppm)	0.1 ppm
<b>Manitoba</b>	OEL STEL (ppm)	0.3 ppm
<b>Manitoba</b>	OEL TWA (ppm)	0.1 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	0.83 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	0.3 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	0.28 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	0.1 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	0.3 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	0.1 ppm

<b>Nova Scotia</b>	OEL STEL (ppm)	0.3 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	0.1 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	0.82 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	0.3 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	0.27 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	0.1 ppm
<b>Northwest Territories</b>	OEL STEL (ppm)	0.3 ppm
<b>Northwest Territories</b>	OEL TWA (ppm)	0.1 ppm
<b>Ontario</b>	OEL STEL (ppm)	0.3 ppm
<b>Ontario</b>	OEL TWA (ppm)	0.1 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	0.3 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	0.1 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	0.83 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	0.3 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	0.28 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	0.1 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	0.3 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	0.1 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	0.9 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL (ppm)	0.3 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	0.1 ppm

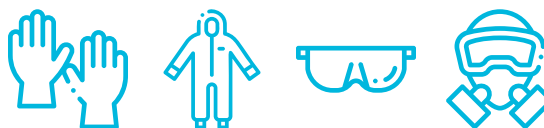
## EXPOSURE CONTROLS

### Appropriate Engineering Controls:

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

### Personal Protective Equipment:

Gloves, protective clothing, protective goggles. Insufficient ventilation: wear respiratory protection.



### Materials for Protective Clothing:

Chemically resistant materials and fabrics.

### Hand Protection:

Wear protective gloves.

### Eye Protection:

Chemical safety goggles.

### Skin and Body Protection:

Wear suitable protective clothing.



<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Environmental Exposure Controls:</b>	Avoid release to the environment.
<b>Other Information:</b>	Recommended to wear NIOSH/MHSA-approved respirator for chlorine dioxide when working with stock (500 ppm) solution in open container. When using, do not eat, drink or smoke.

## Section 9: Physical & Chemical Properties

<b>Appearance – Color:</b>	Light clear yellow
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Chlorine
<b>pH:</b>	4-5
<b>Melting Point/Freezing Point:</b>	Not available
<b>Initial Boiling Point and Boiling Range:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flammability (Solid, Gas):</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density(@ 25°C):</b>	Not available
<b>Solubility:</b>	Not available
<b>Oxidizing Properties:</b>	Not available
<b>Partition Coefficient: n-octanol/water:</b>	Not available
<b>Auto Ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Explosive Property:</b>	Risk of explosion if heated under confinement.
<b>Explosion Data – Sensitivity to Mechanical Impact:</b>	Not expected to present an explosion hazard due to mechanical impact.
<b>Explosion Data – Sensitivity to Static Discharge:</b>	Not expected to present an explosion hazard due to static discharge.

## Section 10: Stability & Reactivity

<b>Reactivity:</b>	Hazardous reactions will not occur under normal conditions
<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Conditions to Avoid:</b>	Direct sunlight, extremely high or low temperatures, and incompatible materials.
<b>Incompatibility (Materials to Avoid):</b>	Strong acids, strong bases, strong oxidizers. Reducing agents. Organic materials.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition generates: Chlorine dioxide. Chlorine gas. Oxygen
<b>Hazardous Polymerization:</b>	Will not occur

## Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity		Not available	Not classified	Product
	LD <sub>50</sub> Oral Rat	93.86 mg/kg		Chlorine dioxide
	LC <sub>50</sub> Inhalation Rat	32ppm/4hr		Chlorine dioxide
Skin Corrosion/Irritation		Not available	Not classified	Product
Serious Eye Damage/ Eye Irritation		Not available	Not classified	Product
Respiratory or Skin Sensitization		Not available	Not classified	Product
Germ Cell Mutagenicity		Not available	Not classified	Product
Carcinogenicity		Not available	Not classified	Product
STOST – Single Exposure		Not available	Not classified	Product
STOST – Repeated Exposure		Not available	Not classified	Product
Aspiration Hazard		Not available	Not classified	Product

STOST = Specific Target Organ Systemic Toxicity

## OTHER INFORMATION

<b>Symptoms/Injuries After Inhalation:</b>	Prolonged exposure may cause irritation.
<b>Symptoms/Injuries After Skin Contact:</b>	Prolonged exposure may cause skin irritation.
<b>Symptoms/Injuries After Eye Contact:</b>	May cause slight irritation to eyes.
<b>Symptoms/Injuries After Ingestion:</b>	May cause adverse effects.
<b>Chronic Symptoms:</b>	None known.

## Section 12: Ecological Information

### TOXICITY

**Ecology – General:** Not classified.

	Environmental Impacts	Chemical Constituents
Toxicity	LC <sub>50</sub> Fish 1: 0.021mg/l (Brachydanio rerio or Danio rerio)	Chlorine dioxide
Bioaccumulative potential	Not available	Product
Persistence and degradability:	Not available	Product
Mobility in soil:	Not available	Product
PBT and vPvB assessment:	Not available	Product
Other adverse effects:	Avoid release to the environment	Product

## Section 13: Disposal Considerations

### WASTE DISPOSAL RECOMMENDATIONS:

Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

### ADDITIONAL INFORMATION:

Contaminated packaging material should be disposed of as stated above for residues and unused product.

### ECOLOGY – WASTE MATERIALS:

Avoid release to the environment

## Section 14: Transport Information

### In Accordance with ICAO/IATA/DOT/TDG/IMDG

<b>UN Number:</b>	Not regulated for transport.
<b>UN Proper Shipping Name:</b>	Not regulated for transport.
<b>Transport Hazard Class(es):</b>	Not regulated for transport.
<b>Additional Information:</b>	Not available
<b>Transport by Sea:</b>	Not regulated for transport.
<b>Air Transport:</b>	Not regulated for transport.
<b>In accordance with IATA/ICAO:</b>	Not regulated for transport.
<b>In accordance with TDG:</b>	Not regulated for transport.

## Section 15: Regulatory Information

### US FEDERAL REGULATIONS

#### TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

Chlorine dioxide is listed on TSCA.

#### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) SECTION 313:

Chlorine dioxide is subject to Emission Reporting at 1.0%

### US STATE REGULATIONS

#### CHLORINE DIOXIDE (CAS#10049-04-4)

U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic

U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)

U.S. - Colorado - Primary Drinking Water Regulations - Maximum Residual Disinfectant Level Goals (MRDLGs)

U.S. - Colorado - Primary Drinking Water Regulations - Maximum Residual Disinfectant Levels (MRDLs)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)

U.S. - Delaware - Accidental Release Prevention Regulations - Sufficient Quantities

U.S. - Delaware - Accidental Release Prevention Regulations - Threshold Quantities

U.S. - Delaware - Accidental Release Prevention Regulations - Toxic Endpoints

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities

U.S. - Georgia - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)

U.S. - Idaho - Occupational Exposure Limits - TWAs

U.S. - Louisiana - Reportable Quantity List for Pollutants

U.S. - Maine - Air Pollutants - Hazardous Air Pollutants

---

U.S. - Massachusetts - Drinking Water - Maximum Contaminant Levels (MCLs)

U.S. - Massachusetts - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1

U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2

U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity

U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1

U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2

RTK - U.S. - Massachusetts - Right To Know List

U.S. - Massachusetts - Toxics Use Reduction Act

---

U.S. - Michigan - Occupational Exposure Limits - STELs

U.S. - Michigan - Occupational Exposure Limits - TWAs

U.S. - Michigan - Process Safety Management Highly Hazardous Chemicals

---

U.S. - Minnesota - Chemicals of High Concern

U.S. - Minnesota - Hazardous Substance List

U.S. - Minnesota - Permissible Exposure Limits - STELs

U.S. - Minnesota - Permissible Exposure Limits - TWAs

---

U.S. - Missouri - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Nebraska - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - New Hampshire - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual

---

U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances

U.S. - New Jersey - Environmental Hazardous Substances List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - New Jersey - Special Health Hazards Substances List

U.S. - New Jersey - TCPA - Extraordinarily Hazardous Substances (EHS)

---

U.S. - New York - Occupational Exposure Limits - TWAs

---

U.S. - Pennsylvania - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

RTK - U.S. - Pennsylvania - RTK (Right to Know) List

---

U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 24-Hour

U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual

---

U.S. - South Carolina - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Tennessee - Occupational Exposure Limits - STELs

U.S. - Tennessee - Occupational Exposure Limits - TWAs

---

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

---

U.S. - Utah - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Vermont - Permissible Exposure Limits - STELs

U.S. - Vermont - Permissible Exposure Limits - TWAs

U.S. - Washington - Permissible Exposure Limits - STELs

U.S. - Washington - Permissible Exposure Limits - TWAs

U.S. - West Virginia - Water Quality - Groundwater Standards - Ceiling Concentrations

U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet

U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 75 Feet

U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater

U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

U.S. - Wyoming - Process Safety Management - Highly Hazardous Chemicals

## CANADIAN REGULATIONS

### ProKure® V Ready-to-Use Solution

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

### Chlorine Dioxide (CAS#10049-04-4)

DLS

Listed on the Canadian DSL (Domestic Substance List)

IDL

Listed on the Canadian IDL (Ingredient Disclosure List) – Concentration 1.0%

WHMIS Classification

Class A – Compressed Gas

Class C – Oxidizing Material

Class D Division 1 Subdivision A – Very toxic material causing immediate and serious toxic effects

Class E – Corrosive Material

Class F – Dangerously Reactive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## Section 16: Other Information

### Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Revision Number:

5.0

### Revision Explanation:

Added composition information for 0.05% product in Section 2. Replaced sewer with storm drain in Section 6. Storm drain is more accurate and descriptive.

### Information Sources:

RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of ProKure Solutions' knowledge; however, ProKure Solutions makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. ProKure Solutions assumes no responsibility for the injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

# ProKure<sup>®</sup> V

**SAFETY DATA SHEET**

---

## ProKure V Unreacted Pouch





THIS SDS COMPLIES WITH REACH 1907/2006  
& 2001/58/EC, GHS, OSHA 29CFR 1910.1200

**ProKure**<sup>®</sup>

## Section 1: Chemical Product & Company Identification

<b>PRODUCT NAMES:</b>	<b>PROKURE<sup>®</sup> V UNREACTED POUCH</b>
<b>FORMULA:</b>	Preparation/Mixture
<b>PRODUCT USE:</b>	Disinfectant/Sanitizer/Tuberculocide/Virucide/ Fungicide/Algaecide/Slimicide/Deodorizer <i>*See product label for details.</i>
<b>MANUFACTURER'S NAME:</b>	ProKure Solutions
<b>ADDRESS:</b>	5013 E. Washington Street, Ste. 100 Phoenix, AZ 85034
<b>Safety Data Sheet Competent Person:</b>	<a href="mailto:bernie.lorenz@prokure1.com">bernie.lorenz@prokure1.com</a>
<b>SUPPLIER'S NAME:</b>	ProKure Solutions
<b>ADDRESS:</b>	5013 E. Washington Street, Ste. 100 Phoenix, AZ 85034
<b>TELEPHONE NUMBER:</b>	866-206-1301
<b>TOLL FREE:</b>	
<b>FAX:</b>	480-304-3327
<b>EMERGENCY TELEPHONE:</b>	Chemtrec 24 Hours: 1-800-424-9300
<b>DATE PREPARED:</b>	September 23, 2020

## Section 2: Hazards Identification

<b>GHS Hazard Class:</b>	Combustible dust Acute toxicity, oral (Category 4), H302 Acute toxicity, dermal (Category 3), H311 Acute toxicity, inhalation (Category 3), H331 Skin corrosive (Category 1B), H314 Serious eye damage/eye irritation (Category 1), H318 Specific Target Organ Toxicity (repeated exposure), (Category 2), H373
--------------------------	--

### GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

**Pictograms:**



**Signal Word:**

Danger

## HAZARD STATEMENTS:

	May form combustible dust concentrations in air.
<b>H302</b>	Harmful if swallowed.
<b>H311+H331</b>	Toxic in contact with skin or if inhaled.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H373</b>	May cause damage to organs through prolonged or repeated exposure.

## PRECAUTIONARY STATEMENT(S):

<b>P260</b>	Do not breathe dust, mist.
<b>P264</b>	Wash hands, forearms, and exposed areas thoroughly after handling.
<b>P270</b>	Do not eat, drink or smoke when using this product.
<b>P280</b>	Wear eye protection, face protection, protective clothing, protective gloves.
<b>P301+P312</b>	If swallowed: Call a poison center or doctor if you feel unwell.
<b>P301+P330+P331</b>	If swallowed: Rinse mouth, DO NOT induce vomiting.
<b>P303+P361+P353</b>	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
<b>P304+P340</b>	If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
<b>P305+P351+P338</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P310</b>	Immediately call a poison center or doctor.
<b>P311</b>	Call a poison center or doctor.
<b>P314</b>	Get medical advice if you feel unwell.
<b>P321</b>	Specific treatment (see Section 4 on this SDS).
<b>P330</b>	Rinse mouth.
<b>P361</b>	Take off immediately all contaminated clothing.
<b>P363</b>	Wash contaminated clothing before reuse.
<b>P391</b>	Collect spillage.
<b>P403+P233</b>	Store in a well-ventilated place. Keep container tightly closed.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Supplemental Information:**

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

**OTHER HAZARDS:**

	Aquatic acute toxicity (Category 1), H400 Aquatic chronic toxicity (Category 3), H412
<b>H400</b>	Very toxic to aquatic life
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>P273</b>	Avoid release to the environment.



**Note:**

This product, in contact with air or moisture, evolves chlorine dioxide gas. The product is designed to generate chlorine dioxide solution when the pouch is placed in specified amount of water. The product design limits both the amount of gas generated and the rate of release. High amount of chlorine dioxide gas is fatal if inhaled and causes severe skin burns and eye damage.

**Unknown Acute Toxicity (GHS-US):**

Not available

## Section 3: Composition/Information on Ingredients

Product Composition	CAS NO.	Approx. %	Classification (GHS)
Citric acid	77-92-9	60-80	Combustible Dust Serious eye damage/eye irritation, Cat. 2A, H319
Sodium chlorite	7758-19-2	15-35	Oxidizing solids, Cat. 1, H271 Acute toxicity (oral), Cat. 3, H301 Acute toxicity (dermal), Cat. 2, H310 Acute toxicity (Inhalation: dust, mist), Cat. 2, H330 Skin corrosion/irritation, Cat. 1B, H314 Serious eye damage/eye irritation, Cat. 1, H318 Single target organ toxicity (repeated exposure), Cat. 2, H373

**Note:** This product, in contact with air or moisture, evolves chlorine dioxide gas. The product is designed to generate chlorine dioxide solution when the pouch is placed in specified amount of water. The product design limits both the amount of gas generated and the rate of release. In the event of an emergency or if the pouch is accidentally wetted, the composition for the reacted chlorine dioxide is below. Please see the "ProKure® V Ready to Use Solution" SDS for full hazards of the reacted pouch solution.

Chemical	CAS NO.	Approx. %
Chlorine dioxide	10049-04-4	100

## Section 4: First Aid Measures

### DESCRIPTION OF FIRST AID MEASURES

<b>General:</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
<b>Inhalation:</b>	Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.
<b>Skin Contact:</b>	Remove contaminated clothing. Immediately flush skin with plenty of water for at least 60 minutes. Get immediate medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye Contact:</b>	Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED

<b>General:</b>	Harmful if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure.
<b>Symptoms/Injuries After Inhalation:</b>	Inhalation of this material can cause serious health effects in small amounts, leading to unconsciousness and death. May be corrosive to the respiratory tract. Dust may be harmful or cause irritation.
<b>Symptoms/Injuries After Skin Contact:</b>	This material is toxic in small amounts through skin contact, and can cause adverse health effects or death. This material may be absorbed through the skin and eyes. Causes severe irritation which will progress to chemical burns
<b>Symptoms/Injuries After Eye Contact:</b>	Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:**

This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Ingestion may cause methemoglobinemia. Initial manifestation of methemoglobinemia is cyanosis, characterized by navy lips, tongue and mucous membranes, with skin color being slate grey. Further manifestation is characterized by headache, weakness, dyspnea, dizziness, stupor, respiratory distress and death due to anoxia. Signs and symptoms of nitrite poisoning include methemoglobinemia, nausea, dizziness, increased heart rate, hypotension, fainting, and possibly shock.

**Chronic Symptoms:**

May cause damage to organs (spleen) through prolonged or repeated exposure.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION & 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

**EXTINGUISHING MEDIA**

**Suitable Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:**

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

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

**Fire Hazard:**

Product is not flammable. Combustible Dust.

**Explosion Hazard:**

Dust explosion hazard in air.

**Reactivity:**

Sodium chlorite reacts with acids to form spontaneously explosive chlorine dioxide gas (ClO<sub>2</sub>). Ammonia with chlorites produces ammonium chlorite, which is a shock-sensitive compound. Finely divided metallic or organic substances, if mixed with chlorites, are highly flammable and may be ignited on friction. A mixture of organic matter and sodium chlorite can be extremely sensitive to heat, impact, or friction. Sodium chlorite reacts very violently with organic materials containing divalent sulfur or with free sulfur (may ignite).

**ADVICE FOR FIREFIGHTERS**

**Precautionary Measures Fire:**

Exercise caution when fighting any chemical fire.

**Firefighter Instructions:**

Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

<b>Protective Actions Firefighters:</b>	Do not enter fire area without proper protective equipment, including respiratory protection
<b>Hazard Combustion Products:</b>	Sodium oxides, chlorine, chlorine oxides, corrosive vapors, sulfur compounds.
<b>Further Information:</b>	Do not allow run-off from firefighting to enter drains or water courses. Risk of dust explosion.

## REFERENCE TO OTHER SECTIONS

Reference to Section 9 for flammability properties.

## Section 6: Accidental Release Measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES

Do not get in eyes, on skin, or on clothing. Do not breathe dust. Avoid generating dust. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Remove ignition sources.

### FOR NON-EMERGENCY PERSONNEL

<b>Protective Equipment:</b>	Use appropriate personal protection equipment (PPE).
<b>Emergency Procedures:</b>	Evacuate unnecessary personnel.

### FOR EMERGENCY PERSONNEL

<b>Protective Equipment:</b>	Use appropriate personal protection equipment (PPE).
<b>Emergency Procedures:</b>	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

Prevent entry to storm drains and public waters. Avoid release to the environment. Collect spillage.

### METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP

<b>For Containment:</b>	Contain solid spills with appropriate barriers and prevent migration and entry into storm drains or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Avoid generation of dust during clean-up of spills. Ventilate area.
<b>Methods for Cleaning Up:</b>	Clean up spills immediately and dispose of waste safely. Cautiously neutralize spill if necessary. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools. Contact competent authorities after a spill.

## REFERENCE TO OTHER SECTIONS

See Section 8, Exposure controls and personal protection. See Section 13, Disposal Considerations.

## Section 7: Handling & Storage

### PRECAUTIONS FOR SAFE HANDLING

<b>Additional Hazards When Proceed:</b>	May release corrosive vapors. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.
<b>Precautions for Safe Handling:</b>	Do not get in eyes, on skin, or on clothing. Do not breathe dust. Use only outdoors or in a well-ventilated area. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Handle empty containers with care because they may still present a hazard.
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Use only outdoors or in a well-ventilated area. Keep away from heat, sparks, open flames, hot surfaces. No smoking.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

<b>Technical Measures:</b>	Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.
<b>Storage Conditions:</b>	Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up. Store in original container or corrosive resistant and/or lined container
<b>Incompatible Materials:</b>	Strong acids. Strong bases. Strong oxidizers. Combustible materials. May react with moisture. Flammable materials. Organic compounds. Wood. Oils and lubricants. Sulfur compounds.
<b>Storage Temperature:</b>	< 175 °C; Sodium chlorite decomposes at 175°C
<b>Specific Uses:</b>	Disinfectant/Sanitizer/Tuberculocide/Virucide/Fungicide/Algaecide/Slimicide/Deodorizer

## Section 8: Exposure Controls/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

### CHLORINE DIOXIDE (CAS#10049-04-4)

<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Mexico</b>	OEL TWA (ppm)	0.1 ppm
<b>Mexico</b>	OEL TWA (ppm)	0.9 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (ppm)	0.3 ppm
<b>USA ACGIH</b>	ACGIH TWA (ppm)	0.1 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	0.3 pp
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	0.1 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	0.1 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	0.9 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	0.3 ppm
<b>USA IDLH</b>	US IDLH (ppm)	5 ppm
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	0.8 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	0.3 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	0.1 ppm
<b>British Columbia</b>	OEL STEL (ppm)	0.3 ppm
<b>British Columbia</b>	OEL TWA (ppm)	0.1 ppm
<b>Manitoba</b>	OEL STEL (ppm)	0.3 ppm
<b>Manitoba</b>	OEL TWA (ppm)	0.1 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	0.83 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	0.3 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	0.28 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	0.1 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	0.3 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	0.1 ppm



<b>Nova Scotia</b>	OEL STEL (ppm)	0.3 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	0.1 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	0.82 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	0.3 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	0.27 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	0.1 ppm
<b>Northwest Territories</b>	OEL STEL (ppm)	0.3 ppm
<b>Northwest Territories</b>	OEL TWA (ppm)	0.1 ppm
<b>Ontario</b>	OEL STEL (ppm)	0.3 ppm
<b>Ontario</b>	OEL TWA (ppm)	0.1 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	0.3 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	0.1 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	0.83 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	0.3 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	0.28 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	0.1 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	0.3 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	0.1 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	0.9 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL (ppm)	0.3 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	0.1 ppm

## 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, especially in confined areas. Gas detectors should be used when toxic gases may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves, protective clothing, protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental Exposure Controls:** Do not allow the product to be released to the environment.

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

## Section 9: Physical & Chemical Properties

**Appearance – Color:** White powder

**Physical State:** Solid

**Odor:** Chlorine

**pH:** Not available

**Melting Point/Freezing Point:** Not available

**Initial Boiling Point and Boiling Range:** Not available

**Flash Point:** Not available

**Evaporation Rate:** Not available

**Flammability (Solid, Gas):** Not available

**Upper/Lower Flammability or Explosive Limits:** Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density (@ 25°C):** Not available

**Solubility:** Soluble in water

**Oxidizing Properties:** Not available

**Partition Coefficient: n-octanol/water:** Not available

<b>Auto Ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Explosion Data – Sensitivity to Mechanical Impact:</b>	Not expected to present an explosion hazard due to mechanical impact.
<b>Explosion Data – Sensitivity to Static Discharge:</b>	Not expected to present an explosion hazard due to static discharge.

## Section 10: Stability & Reactivity

<b>Reactivity:</b>	Sodium chlorite reacts with acids to form spontaneously explosive chlorine dioxide gas (ClO <sub>2</sub> ). Ammonia with chlorites produces ammonium chlorite, which is a shock-sensitive compound. Finely divided metallic or organic substances, if mixed with chlorites, are highly flammable and may be ignited on friction. A mixture of organic matter and sodium chlorite can be extremely sensitive to heat, impact, or friction. Sodium chlorite reacts very violently with organic materials containing divalent sulfur or with free sulfur (may ignite).
<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Conditions to Avoid:</b>	Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition.
<b>Incompatibility (Materials to Avoid):</b>	Strong acids. Strong bases. Strong oxidizers. Combustible materials. May react with moisture. Flammable materials. Organic compounds. Wood. Oils and lubricants.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition generates: corrosive vapors. Sodium oxides. Chlorine gas. Chlorine oxides. Chlorine dioxide.

## Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	ATE <sub>mix</sub> (oral)	540.98mg/kg	Harmful if swallowed	Product
	ATE <sub>mix</sub> (dermal)	351.48mg/kg	Toxic in contact with skin	Product
	ATE <sub>mix</sub> (dust, mist)	0.75mg/l/4hr	Toxic if inhaled	Product
	LD <sub>50</sub> Oral, rat	5400mg/kg		Citric acid
	LD <sub>50</sub> Dermal, rat	>2000mg/kg		Citric acid

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	LD <sub>50</sub> Oral, rat	165mg/kg		Sodium chlorite
	LD <sub>50</sub> Dermal, rabbit	107.2mg/kg		Sodium chlorite
	LC <sub>50</sub> Inhalation, rat	0.23mg/l,4hr		Sodium chlorite
	LD <sub>50</sub> Oral, rat	93.86mg/kg (0.2%in H <sub>2</sub> O)		Chlorine dioxide
	LC <sub>50</sub> Inhalation, rat	32ppm/4hr		Chlorine dioxide
Skin Corrosion/Irritation		Not available	Causes severe skin burns	Product
Serious Eye Damage/ Eye Irritation		Not available	Causes serious eye damage	Product
Respiratory or Skin Sensitization		Not available	Not classified	Product
Germ Cell Mutagenicity		Not available	Not classified	Product
Teratogenicity		Not available		Product
Carcinogenicity		Group 3	IARC	Sodium chlorite
Reproductive Toxicity		Not available	Not classified	Product
STOST – Single Exposure		Not available	Not classified	Product
STOST – Repeated Exposure		Not available	Not classified	Product
Aspiration Hazard		Not available	Not classified	Product

ATE<sub>mix</sub> – Acute Toxicity Estimation of mixture  
 IARC – International Agency for Research on Cancer  
 STOST – Specific Target Organ Systemic Toxicity

## OTHER INFORMATION

<b>Symptoms/Injuries After Inhalation:</b>	Inhalation of this material can cause serious health effects in small amounts, leading to unconsciousness and death. May be corrosive to the respiratory tract. Dust may be harmful or cause irritation.
<b>Symptoms/Injuries After Skin Contact:</b>	This material is toxic in small amounts through skin contact, and can cause adverse health effects or death. This material may be absorbed through the skin and eyes. Causes severe irritation which will progress to chemical burns.
<b>Symptoms/Injuries After Eye Contact:</b>	Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva.
<b>Symptoms/Injuries After Ingestion:</b>	This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Ingestion may cause methemoglobinemia. Initial manifestation of methemoglobinemia is cyanosis, characterized by navy lips,

tongue and mucous membranes, with skin color being slate grey. Further manifestation is characterized by headache, weakness, dyspnea, dizziness, stupor, respiratory distress and death due to anoxia. Signs and symptoms of nitrite poisoning include methemoglobinemia, nausea, dizziness, increased heart rate, hypotension, fainting and, possibly shock.

**Chronic Symptoms:** May cause damage to organs (spleen) through prolonged or repeated exposure.

## Section 12: Ecological Information

### TOXICITY

**Ecology – General:** Not classified.

	Environmental Impacts	Chemical Constituents
Toxicity	LC <sub>50</sub> Fish 1: 1516mg/l, 96hr, Lepomis macrochirus [static]	Citric acid
	LC <sub>50</sub> Fish 1: 100 - 500 mg/l, 96 h - Brachydanio rerio [static]	Sodium chlorite
	LC <sub>50</sub> Fish 2: >100mg/l, 96 h - Lepomis macrochirus [static]	Sodium chlorite
	EC <sub>50</sub> Daphnia 1: 0.026 mg/l, 48 h, Daphnia magna	Sodium chlorite
	EC <sub>50</sub> Daphnia 2: 0.25-0.33 mg/l, 48 h, Daphnia magna, flow through.	Sodium chlorite
	LC <sub>50</sub> Fish 1: 0.021Brachydanio rerio	Chlorine dioxide
Bioaccumulative potential	Not available	Product
	Log Pow = -1.75 (at 20 C)	Citric acid
Persistence and degradability:	May cause long-term adverse effects in the environment	Product
Mobility in soil:	Not available	Product
PBT and vPvB assessment:	Not available	Product
Other adverse effects:	Avoid release to the environment	Product

## Section 13: Disposal Considerations

### SEWAGE DISPOSAL RECOMMENDATIONS:

The material is hazardous to the aquatic environment. Keep out of storm drains and waterways.

**WASTE DISPOSAL RECOMMENDATIONS:**

Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

**ADDITIONAL INFORMATION:**

Container may remain hazardous when empty. Continue to observe all precautions.

**ECOLOGY – WASTE MATERIALS:**

Avoid release to the environment. The material is hazardous to the aquatic environment. Keep out of storm drains and waterways.

## Section 14: Transport Information

**In Accordance with ICAO/IATA/DOT/TDG/IMDG**

**UN NUMBER**

**UN Number (DOT):** UN2923

**DOT NA No.:** UN2923

**UN Number (TDG):** UN2923

**UN Number (IMDG):** UN2923

**UN Number (IATA):** UN2923

**UN PROPER SHIPPING NAME**

**Proper Shipping Name (DOT):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Proper Shipping Name (TDG):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Proper Shipping Name (DOT):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Proper Shipping Name (TDG):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Proper Shipping Name (IATA):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Proper Shipping Name (IMDG):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Transport Document Description (DOT):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Transport Document Description (TDG):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

**Transport Document Description (Adr)(IMDG/IATA):** CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

## TRANSPORT HAZARD CLASS(ES)

**Hazard Classes (DOT):** 8 – Class 8 – Corrosive Material, 49CFR173.136

**Hazard Labels (DOT):** 8 – Corrosive  
6.1 – Poison



**DOT Symbols:** G – Identifies PSN requiring a technical name.

**Packing Group (DOT):** II – Medium Danger

**DOT Special Provisions (49CFR172.102):** IB8 – Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).

IP2 – When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.

IP4 – Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner.

T3 – 2.65 178.274(d)(2) Normal..... 178.275(d)(2)





TP33 – The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

**DOT Packaging Exceptions (49CFR173.XXX):** 154

**DOT Packaging Non-Bulk (49CFR173.XXX):** 212

**DOT Packaging Bulk (49CFR173.XXX):** 240

**TDG Primary Hazard Classes:** 8 – Corrosives

<b>TDG Subsidiary Classes:</b>	6.1 – Toxic
<b>Hazard Labels (TDG):</b>	8 – Corrosive substances 6.1 – Toxic substances
	 
<b>Packing Group (TDG):</b>	II – Medium Danger
<b>TDG Special Provisions:</b>	<p>16 - 1). The technical name of the most dangerous substance related to the primary class must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(i)(A) of Part 3, Documentation. The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4, Dangerous Goods Safety Marks.</p> <p>2). subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical: a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act."</p>
<b>Explosive Limit and Limited Quantity Index:</b>	1
<b>Passenger Carrying Road Vehicle or Passenger:</b>	15
<b>Carrying Railway Vehicle Index:</b>	
<b>Class (IMDG):</b>	8 – Corrosive substances
<b>Subsidiary Risks (IMDG):</b>	6.1
<b>Danger Labels (IMDG):</b>	8 – Corrosive substances 6.1 – Toxic substances
	 
<b>Packing Group (IMDG):</b>	II – Medium Danger
<b>Class (IATA):</b>	8 – Corrosive substances
<b>Subsidiary Risks (IATA):</b>	6.1



**Hazard Labels (IATA):** 8 – Corrosive substances  
6.1 – Toxic substances



**Packing Group (IATA):** II – Medium Danger

**Marine Pollutant:** P



## ADDITIONAL INFORMATION

**Emergency Response Guide (ERG) Number:** 138

**Additional Information:** This Product meets the limited quantities as follows:  
DOT – Not regulated as dangerous goods when shipped in inner packagings equal to or less than 1 kg. Otherwise, the above descriptions apply.

## TRANSPORT BY SEA

**DOT Vessel Stowage Location:** B – (i). The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

**DOT Vessel Stowage Other:** 40 – Stow “clear of living quarters”

**Subsidiary Risks (IMDG):** 6.1

**Limited Quantities (IMDG):** 1kg

**Special Provisions (IMDG):** 274

**Excepted Quantities (IMDG):** E2

**IBC Packing Instructions (IMDG):** IBC08

**IBC Special Provisions (IMDG):** B2, B4

**Packing Instructions (IMDG):** P002

**Tank Instructions (IMDG):** T3

**Tank Special Provisions (IMDG):** TP33

**Stowage Category (IMDG):** B

<b>EMS-NO. (Fire):</b>	F-A
<b>MFAG-NO:</b>	154
<b>EMS-NO. (Spillage):</b>	S-B

## AIR TRANSPORT

<b>DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27):</b>	15kg
<b>DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75):</b>	50kg
<b>Subsidiary Risks (IATA):</b>	6.1
<b>CAO Packing Instruction (IATA):</b>	863
<b>CAO Max Net Quantity (IATA):</b>	50kg
<b>PCA Packing Instruction (IATA):</b>	859
<b>PCA Limited Quantities (IATA):</b>	Y844
<b>PCA Limited Quantity Max Net Quantity (IATA):</b>	5kg
<b>PCA Max Net Quantities (IATA):</b>	15kg
<b>PCA Excepted Quantities (IATA):</b>	E2
<b>Special Provision (IATA):</b>	A3, A803
<b>ERG Code (IATA):</b>	8P

## Section 15: Regulatory Information

### US FEDERAL REGULATIONS

#### TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

Citric acid, sodium chlorite, and chlorine dioxide are listed on TSCA.

#### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) SECTION 311/312:

Product – Immediate (acute) health hazard, Delayed (chronic) health hazard.  
Citric acid – Immediate (acute) health hazard.

#### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) SECTION 313:

Chlorine dioxide is subject to Emission Reporting at 1.0%

### US STATE REGULATIONS

#### CITRIC ACID (CAS#77-92-9)

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

## SODIUM CHLORITE (7758-19-2)

- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category2
- U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
- RTK - U.S. - Massachusetts - Right To Know List

---

- U.S. - Minnesota - Chemicals of High Concern

---

- U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups.

---

- RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

---

- RTK - U.S. - Pennsylvania - RTK (Right to Know) List

---

- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term

## CHLORINE DIOXIDE (CAS#10049-04-4)

- U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic
- U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)

---

- U.S. - Colorado - Primary Drinking Water Regulations - Maximum Residual Disinfectant Level Goals (MRDLGs)
- U.S. - Colorado - Primary Drinking Water Regulations - Maximum Residual Disinfectant Levels (MRDLs)

---

- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)

---

- U.S. - Delaware - Accidental Release Prevention Regulations - Sufficient Quantities
- U.S. - Delaware - Accidental Release Prevention Regulations - Threshold Quantities
- U.S. - Delaware - Accidental Release Prevention Regulations - Toxic Endpoints
- U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities

---

- U.S. - Georgia - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
- U.S. - Idaho - Occupational Exposure Limits - TWAs

---

- U.S. - Louisiana - Reportable Quantity List for Pollutants

---

- U.S. - Maine - Air Pollutants - Hazardous Air Pollutants

---

- U.S. - Massachusetts - Drinking Water - Maximum Contaminant Levels (MCLs)
- U.S. - Massachusetts - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)
- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category2
- U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
- U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
- RTK - U.S. - Massachusetts - Right To Know List
- U.S. - Massachusetts - Toxics Use Reduction Act

U.S. - Michigan - Occupational Exposure Limits - STELs  
 U.S. - Michigan - Occupational Exposure Limits - TWAs  
 U.S. - Michigan - Process Safety Management Highly Hazardous Chemicals

---

U.S. - Minnesota - Chemicals of High Concern  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - Minnesota - Permissible Exposure Limits - STELs  
 U.S. - Minnesota - Permissible Exposure Limits - TWAs

---

U.S. - Missouri - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Nebraska - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - New Hampshire - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)  
 U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
 U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual

---

U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances  
 U.S. - New Jersey - Environmental Hazardous Substances List  
 RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - New Jersey - Special Health Hazards Substances List  
 U.S. - New Jersey - TCPA - Extraordinarily Hazardous Substances (EHS)

---

U.S. - New York - Occupational Exposure Limits - TWAs

---

U.S. - Pennsylvania - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)  
 RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
 RTK - U.S. - Pennsylvania - RTK (Right to Know) List

---

U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 24-Hour  
 U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual

---

U.S. - South Carolina - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Tennessee - Occupational Exposure Limits - STELs  
 U.S. - Tennessee - Occupational Exposure Limits - TWAs

---

U.S. - Texas - Effects Screening Levels - Long Term  
 U.S. - Texas - Effects Screening Levels - Short Term

---

U.S. - Utah - Drinking Water - Maximum Residual Disinfectant Levels (MRDLs)

---

U.S. - Vermont - Permissible Exposure Limits - STELs  
 U.S. - Vermont - Permissible Exposure Limits - TWAs

---

U.S. - Washington - Permissible Exposure Limits - STELs  
 U.S. - Washington - Permissible Exposure Limits - TWAs

---

U.S. - West Virginia - Water Quality - Groundwater Standards - Ceiling Concentrations

---

U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet  
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 75 Feet  
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater  
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

---

U.S. - Wyoming - Process Safety Management - Highly Hazardous Chemicals

## CANADIAN REGULATIONS

### PROKURE® V UNREACTED POUCH

WHMIS Classification	<p>Class D Division 1 Subdivision B – Toxic material causing immediate and serious toxic effects</p> <p>Class D Division 2 Subdivision B – Toxic material causing other toxic effects.</p> <p>Class E – Corrosive Material</p> <p>Class F – Dangerously Reactive Material</p>
----------------------	---



### CITRIC ACID (CAS#77-92-9)

DLS	Listed on the Canadian DSL (Domestic Substance List)
IDL	Listed on the Canadian IDL (Ingredient Disclosure List) – Concentration 1.0%
WHMIS Classification	Class D Division 2 Subdivision B – Toxic material causing other toxic effects.

### SODIUM CHLORITE (CAS#7758-19-2)

DLS	Listed on the Canadian DSL (Domestic Substance List)
IDL	Listed on the Canadian IDL (Ingredient Disclosure List) – Concentration 1.0%
WHMIS Classification	<p>Class C – Oxidizing Material</p> <p>Class D Division 1 Subdivision B – Toxic material causing immediate and serious effects</p> <p>Class E – Corrosive Material</p>

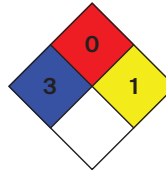
### CHLORINE DIOXIDE (CAS#10049-04-4)

DLS	Listed on the Canadian DSL (Domestic Substance List)
IDL	Listed on the Canadian IDL (Ingredient Disclosure List) – Concentration 1.0%
WHMIS Classification	<p>Class A – Compressed Gas</p> <p>Class C – Oxidizing Material</p> <p>Class D Division 1 Subdivision A – Very toxic material causing immediate and serious toxic effects</p> <p>Class E – Corrosive Material</p> <p>Class F – Dangerously Reactive Material</p>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## Section 16: Other Information

<b>NFPA Health Hazard:</b>	3 – Short exposure could cause serious temporary or residual injury even though prompt attention was given.
<b>NFPA Fire Hazard:</b>	0 – Materials that will not burn.
<b>NFPA Reactivity:</b>	1 – Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



<b>Other Information:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
<b>Revision Number:</b>	7.0
<b>Revision Explanation:</b>	Replaced sewer with storm drain in Sections 6 and 13. Storm drain is more accurate and descriptive.
<b>Information Sources:</b>	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of ProKure Solutions' knowledge; however, ProKure Solutions makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. ProKure Solutions assumes no responsibility for the injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

**ProKure®**