



# SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

## Section 1: Chemical Product and Company Identification

**PRODUCT NAME:** ProKure® V Ready to Use Solution  
**FORMULA:** Preparation/Mixture  
**PRODUCT USE:** Disinfectant/ Sanitizer/ Tuberculocide/ Virucide\*/ Fungicide/  
Algaecide/Slimicide/ Deodorizer  
See product label for detail.

**MANUFACTURER'S NAME:** ProKure Solutions  
**ADDRESS:** 5013 E. Washington Street, STE 100  
Phoenix, AZ 85034  
**Safety Data Sheet Competent Person:** bernie.lorenz@prokure1.com

**SUPPLIER'S NAME:** ProKure Solutions  
**ADDRESS:** 5013 E. Washington Street, STE 100  
Phoenix, AZ 85034  
**TELEPHONE NUMBER:** 866-206-1301  
**TOLL FREE:**  
**FAX:** 480-304-3327

**EMERGENCY TELEPHONE NUMBER:** Chemtrec 24 hrs: 1-800-424-9300

**DATE PREPARED:** March 26, 2018  
**DATE REVIEWED:** April 06, 2018

## Section 2: Hazards Identification

**GHS Hazard Class:** Not classified

### GHS Label elements, including precautionary statements:

**Pictograms:** None.  
**Signal word:** None.  
**Hazard Statements:** None.  
**Other Hazards:** 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® 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.

**Unknown Acute Toxicity (GHS-US):** Not available

## Section 3: Composition / Information on Ingredients

| Product Composition | CAS NO.    | Approx. %  | Classification (GHS)   |
|---------------------|------------|--|--|
| Chlorine dioxide    | 10049-04-4 | 0.05<br>0.01<br>0.005<br>0.002<br>0.0005<br>0.000025 | Ox. Gas 1, H270<br>Compressed gas, H280<br>Acute Tox. 1 (Inhalation: gas), H330<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

# ProKure®

Full text of H-phrases: see Section 16. \*Reference product labeling to achieve desired weight percent based on dilution.

## 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 and effects, both acute and 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.  |
| <b>Chronic Symptoms:</b>                     | None known.   |

### Indication of any immediate medical attention and 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

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media:</b>  | Use extinguishing media appropriate for surrounding fire. Water spray.        |
| <b>Unsuitable extinguishing media</b> | Do not use a heavy water stream. Use of heavy stream of water may spread fire |

### Special hazards arising from the substance or mixture

|                          |   |
|--------------------------|---|
| <b>Fire Hazard:</b>      | Not considered flammable but may burn at high temperatures. Contains an oxidizing material which in high concentration may accelerate fire. |
| <b>Explosion Hazard:</b> | Product is not explosive. Product is not explosive but may evolve explosive chlorine dioxide gas when pressurized                           |

### Advice for Firefighter

|   |  |
|---|--|
| <b>Precautionary Measures Fire:</b>     | Exercise caution when fighting any chemical fire.  |
| <b>Firefighter Instructions:</b>        | Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition. |
| <b>Protective actions fire-fighters</b> | Do not enter fire area without proper protective equipment, including respiratory protection                         |
| <b>Hazard Combustion Products:</b>      | Chlorine dioxide, chlorine gas.  |
| <b>Further information</b>              | 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, and emergency procedures

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

### For Non-Emergency Personnel

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



**For Emergency Personnel**

**Protective Equipment:**  
**Emergency Procedures:**

Use appropriate personal protection equipment (PPE).  
 Evacuate unnecessary personnel.

**Environmental Precautions**

Prevent entry to sewers and public waters.

**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:**

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 and 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)**

|           |                                       |                       |
|-----------|---------------------------------------|-----------------------|
| Mexico    | OEL TWA (mg/m <sup>3</sup> )          | 0.3 mg/m <sup>3</sup> |
| Mexico    | OEL TWA (ppm)                         | 0.1 ppm               |
| Mexico    | OEL STEL (mg/m <sup>3</sup> )         | 0.9 mg/m <sup>3</sup> |
| Mexico    | OEL STEL (ppm)                        | 0.3 ppm               |
| USA ACGIH | ACGIH TWA (ppm)                       | 0.1 ppm               |
| USA ACGIH | ACGIH STEL (ppm)                      | 0.3 pp                |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 0.3 mg/m <sup>3</sup> |
| USA OSHA  | OSHA PEL (TWA) (ppm)                  | 0.1 ppm               |
| USA NIOSH | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 0.3 mg/m <sup>3</sup> |
| USA NIOSH | NIOSH REL (TWA) (ppm)                 | 0.1 ppm               |
| USA NIOSH | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 0.9 mg/m <sup>3</sup> |
| USA NIOSH | NIOSH REL (STEL) (ppm)                | 0.3 ppm               |
| USA IDLH  | US IDLH (ppm)                         | 5 ppm                 |

|                         |                               |                        |
|-------------------------|-------------------------------|------------------------|
| Alberta                 | OEL STEL (mg/m <sup>3</sup> ) | 0.8 mg/m <sup>3</sup>  |
| Alberta                 | OEL STEL (ppm)                | 0.3 ppm                |
| Alberta                 | OEL TWA (mg/m <sup>3</sup> )  | 0.3 mg/m <sup>3</sup>  |
| Alberta                 | OEL TWA (ppm)                 | 0.1 ppm                |
| British Columbia        | OEL STEL (ppm)                | 0.3 ppm                |
| British Columbia        | OEL TWA (ppm)                 | 0.1 ppm                |
| Manitoba                | OEL STEL (ppm)                | 0.3 ppm                |
| Manitoba                | OEL TWA (ppm)                 | 0.1 ppm                |
| New Brunswick           | OEL STEL (mg/m <sup>3</sup> ) | 0.83 mg/m <sup>3</sup> |
| New Brunswick           | OEL STEL (ppm)                | 0.3 ppm                |
| New Brunswick           | OEL TWA (mg/m <sup>3</sup> )  | 0.28 mg/m <sup>3</sup> |
| New Brunswick           | OEL TWA (ppm)                 | 0.1 ppm                |
| Newfoundland & Labrador | OEL STEL (ppm)                | 0.3 ppm                |
| Newfoundland & Labrador | OEL TWA (ppm)                 | 0.1 ppm                |
| Nova Scotia             | OEL STEL (ppm)                | 0.3 ppm                |
| Nova Scotia             | OEL TWA (ppm)                 | 0.1 ppm                |
| Nunavut                 | OEL STEL (mg/m <sup>3</sup> ) | 0.82 mg/m <sup>3</sup> |
| Nunavut                 | OEL STEL (ppm)                | 0.3 ppm                |
| Nunavut                 | OEL TWA (mg/m <sup>3</sup> )  | 0.27 mg/m <sup>3</sup> |
| Nunavut                 | OEL TWA (ppm)                 | 0.1 ppm                |
| Northwest Territories   | OEL STEL (ppm)                | 0.3 ppm                |
| Northwest Territories   | OEL TWA (ppm)                 | 0.1 ppm                |
| Ontario                 | OEL STEL (ppm)                | 0.3 ppm                |
| Ontario                 | OEL TWA (ppm)                 | 0.1 ppm                |
| Prince Edward Island    | OEL STEL (ppm)                | 0.3 ppm                |
| Prince Edward Island    | OEL TWA (ppm)                 | 0.1 ppm                |
| Québec                  | VECD (mg/m <sup>3</sup> )     | 0.83 mg/m <sup>3</sup> |
| Québec                  | VECD (ppm)                    | 0.3 ppm                |
| Québec                  | VEMP (mg/m <sup>3</sup> )     | 0.28 mg/m <sup>3</sup> |
| Québec                  | VEMP (ppm)                    | 0.1 ppm                |
| Saskatchewan            | OEL STEL (ppm)                | 0.3 ppm                |
| Saskatchewan            | OEL TWA (ppm)                 | 0.1 ppm                |
| Yukon                   | OEL STEL (mg/m <sup>3</sup> ) | 0.9 mg/m <sup>3</sup>  |
| Yukon                   | OEL STEL (ppm)                | 0.3 ppm                |
| Yukon                   | OEL TWA (mg/m <sup>3</sup> )  | 0.3 mg/m <sup>3</sup>  |
| Yukon                   | OEL TWA (ppm)                 | 0.1 ppm                |

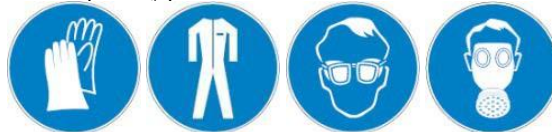
## Exposure Controls

### 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.

### Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

### Environmental Exposure Controls:

Avoid release to the environment.

**Other Information:**

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 and Chemical Properties

|   |   |
|---|---|
| <b>Appearance – Color:</b>                                | Light clear yellow  |
| <b>Physical State:</b>                                    | Liquid  |
| <b>Odor:</b>  | Chlorine  |
| <b>pH:</b>  | Not available   |
| <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 and 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                      | LD <sub>50</sub> Oral Rat<br>LC <sub>50</sub> Inhalation Rat | Not available<br>93.86 mg/kg<br>32ppm/4hr | Not classified | Product<br>Chlorine dioxide<br>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. |

**Symptoms/Injuries After Eye Contact:**

May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:**

May cause adverse effects.

**Chronic Symptoms:**

None known.

## Section 12: Ecological Information

### Toxicity

**Ecology – General:** Not classified.

|                                | <b>Environmental Impacts</b>  | <b>Chemical Constituents</b> |
|--------------------------------|---|------------------------------|
| 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)



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

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

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

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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

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

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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

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

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

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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

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

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

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

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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

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

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

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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

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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

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

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

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

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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

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

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

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

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

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

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

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

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|---|
| 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<br>Class C – Oxidizing Material<br>Class D Division 1 Subdivision A – Very toxic material causing immediate and serious toxic effects<br>Class E – Corrosive Material<br>Class F – Dangerously Reactive Material |

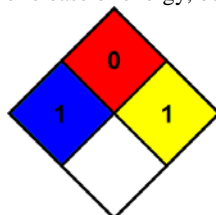
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## **Section 16: Other Information**

### **GHS Full Text Phrases:**

|                                |  |
|--------------------------------|--|
| Acute Tox. 1 (Inhalation: gas) | Acute toxicity (inhalation: gas) Category 1                      |
| Aquatic Acute 1                | Hazardous to the aquatic environment - Acute Hazard Category 1   |
| Aquatic Chronic 1              | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Compressed gas                 | Gases under pressure Compressed gas                              |
| Ox. Gas 1                      | Oxidizing gases Category 1                                       |
| Skin Corr. 1B                  | Skin corrosion/irritation Category 1B                            |
| H270                           | May cause or intensify fire; oxidizer                            |
| H280                           | Contains gas under pressure; may explode if heated               |
| H314                           | Causes severe skin burns and eye damage                          |
| H330                           | Fatal if inhaled   |
| H400                           | Very toxic to aquatic life                                       |
| H410                           | Very toxic to aquatic life with long lasting effects             |

**NFPA Health Hazard:** 1 – Exposure could cause irritation but only minor residual injury even if no treatment is given.  
**NFPA Fire Hazard:** 0 – Materials that will not burn.  
**NFPA Reactivity:** 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.







**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:** 3.0

**Revision explanation** Updated section 8 with 500 ppm PPE recommendation and ProKure image in the header.

**Information Sources:** RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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