A Precursor Chemical Solution for Use Only in the SVP-Pure™ Chlorine Dioxide Generator

FOR INDUSTRIAL USE

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO

"Si usted niega entender la etiqueta, busque a alguien para que le explique el usuario en detalle. (If you do not understand the label, find someone to explain it to you in detail.)"

ACTIVE INGREDIENT

Sodium Chlorite (NaClO3)

40.0%

OTHER INGREDIENTS:

60.0%

TOTAL:

100.0%

FIRST AID

IF IN EYES

Hold eye open and flush with a directed stream of water for 15 minutes. DO NOT REMOVE CONTACT LENS. If irritation persists after the first 5 minutes, then continue rinsing eyes.

IF INHALED

Call a poison control center or doctor immediately for treatment advice.

IF ON SKIN OR CLOTHING

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Cleanse thoroughly with soap and water. Call the doctor for medical advice.

IF SWALLOWED

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. Do not give anything by mouth to an unconscious person.

INHALED

Do not give anything by mouth to an unconscious person.

NOT TO PHYSICIAN: Probable mucosal damage may contraindicate the use of this product's concentrate. Do not reuse them.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/purifying PPE. If no such instructions for washables exist, use detergent and hot water. Change clothing when contaminated and wash on site. Do not allow contaminated clothing to dry before washing clothing on-site.

DIRECTIONS FOR USE

GENERAL DIRECTIVES

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation as an antimicrobial for the following uses: Purate is for use only in the SVP-Pure Chlorine Dioxide Generator, a pesticide device intended to generate chlorine dioxide for the registered uses listed below. Fixed rates for Purate are determined by the operator to achieve the desired production rate for chlorine dioxide. As described below, the appropriate production rate will depend on the severity of the contamination, the degree of control desired, the size of the system and the residual necessary for effective control. For all uses, the point of feed of chlorine dioxide must be below the water level to prevent volatilization of the chlorine dioxide. Chlorine dioxide must be added to the water stream at a point where adequate mixing and uniform distribution can occur.

INDUSTRIAL PROCESS WATER USES:

This product is approved for use in water treatment facilities that produce potable drinking water in compliance with the Safe Drinking Water Act. A typical dose of chlorine dioxide for water system is between 1.0 and 5.0 ppm on a continuous basis. Purate has been approved by the National Sanitation Foundation for use in drinking water systems. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation as an antimicrobial for the following uses: Purate is for use only in the SVP-Pure Chlorine Dioxide Generator, a pesticide device intended to generate chlorine dioxide for the registered uses listed below. Fixed rates for Purate are determined by the operator to achieve the desired production rate for chlorine dioxide. As described below, the appropriate production rate will depend on the severity of the contamination, the degree of control desired, the size of the system and the residual necessary for effective control. For all uses, the point of feed of chlorine dioxide must be below the water level to prevent volatilization of the chlorine dioxide. Chlorine dioxide must be added to the water stream at a point where adequate mixing and uniform distribution can occur.

Recirculating Cooling Water Towers

To control microbial and algae slime in recirculating cooling water systems, an intermittent or continuous feed of chlorine dioxide may be used to achieve a residual of 0.1 – 0.5 ppm. If intermittent feed is used, maintain a residual chlorine dioxide concentration of 0.1 – 0.5 ppm. Chlorine dioxide may be added to drip pan, cold-water well, or other points where adequate mixing and uniform distribution can occur.

Once-Through Cooling Water Towers

To control slime caused by microbial populations in these liquid systems, a residual chlorine dioxide concentration between 0.25 to 5.0 ppm on a continuous basis is necessary. Chlorine dioxide may be added intermittently on a continuous basis to achieve the desired residual; the concentration maintained is dependent on the severity of the contamination, the degree of control desired, the size of the system and residual necessary for effective control. For all uses, the point of feed of chlorine dioxide must be below the water level to prevent volatilization of the chlorine dioxide. Chlorine dioxide must be added to the water stream at a point where adequate mixing and uniform distribution can occur.

Textile processing water and pulp and paper process water

To control microorganisms that form slime in paper process water and that cause blockages of paper mill equipment, chlorine dioxide may be applied in an intermittent or continuous dose. Either method of application must maintain a residual concentration of 0.1 – 0.5 ppm on a continuous basis. If the system is badly fouled, it must be cleaned prior to treatment with chlorine dioxide. This product can be used as a sludge cement for process water used in the mill. Use of this substance is subject to the regulations of the EPA.

Pesticide, Fungicide, Herbicide, & Insecticide use

To control microorganisms that form slime in paper process water and that cause blockages of paper mill equipment, chlorine dioxide may be applied in an intermittent or continuous dose. Either method of application must maintain a residual concentration of 0.1 – 0.5 ppm on a continuous basis. If the system is badly fouled, it must be cleaned prior to treatment with chlorine dioxide. This product can be used as a sludge cement for process water used in the mill. Use of this substance is subject to the regulations of the EPA.
A Precursor Chemical Solution for Use Only in the SVP-Pure™ Chlorine Dioxide Generator

**General Directions**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for use in the SVP-Pure™ Chlorine Dioxide Generator, a pesticide device installed to generate chlorine dioxide for the registered uses listed on the label. Do not reuse this product. Do not contaminate with dirt, oils or organic matter of any sort. Contamination may cause violent chemical reactions, fire and explosion. Clean up spills immediately after handling this product. As soon as possible, wash thoroughly and continue cleaning.

**RINSE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. PVC or rubber rainsuit and wash down rainsuit after each use. Wear goggles or face shield. Do not inhale. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective gloves, rubber or plastic. Do not allow contaminated clothing to dry before re-use. Wear protective gloves, rubber or plastic. Do not inhale. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective gloves, rubber or plastic.

**PESTICIDE STORAGE:** Store separately from sulfuric acid precursor and all other acids.

In fire-resistant area separate from incompatible materials such as acids, powdered metals, organic chemicals, flammables, combustible materials and dirt. Clean up spills immediately after handling this product. As soon as possible, wash thoroughly and continue cleaning.

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**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Contact your nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Non-refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the pesticide. Clean the empty container after final disposal, empty the remaining contents from this container into application equipment or rinsate tank. Fill the container about 15% full with water. Attach a suitable drain plug. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water, food, or feed by storage or disposal.