

**Purate™ Precursor**

Aqueous Solution with 40% Sodium Chlorate & 10% Hydrogen Peroxide  
A PRECURSOR CHEMICAL SOLUTION FOR USE ONLY IN THE SVP-PURE™ CHLORINE DIOXIDE GENERATOR

This chemical solution is for use only in the SVP-PURE™ CHLORINE DIOXIDE GENERATOR, a pesticide device that produces up to 10 lb/hr of CHLORINE DIOXIDE absorbed into water to produce a solution concentrate of 100 – 1000 ppm for use in water systems.

In addition to this precursor, the SVP-PURE™ CHLORINE DIOXIDE GENERATOR requires a feedstock of 78% sulfuric acid.

- FOR INDUSTRIAL USE ONLY -

Keep out of reach of children

**DANGER**

**Purate™ Precursor** is corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes or on skin or clothing. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. May be fatal if inhaled. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES** – Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN** – Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF SWALLOWED** – Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**IF INHALED** – Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

ACTIVE INGREDIENTS:	BY WT.
Sodium Chlorate.....	40.0%
OTHER INGREDIENTS.....	60.0%
Total.....	100.0%

EKA CHEMICALS, INC.  
1775 West Oak Commons Court  
Marietta, GA 30062-2254

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**Purate™ Precursor** is corrosive. Causes irreversible eye damage. Do not get in eyes or on skin or clothing. Wear protective eyewear (goggles or face shield). Wear protective clothing and neoprene gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NDPES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**CHEMICAL HAZARDS**

**Purate™ Precursor** is a strong oxidizing agent. Do not contaminate with dirt, oils or organic matter of any sort. Contamination may cause violent chemical reactions, fire and explosion. Clean up all chemical spills immediately. Allowing spills to dry or concentrate may cause spontaneous combustion. In case of chemical spills, avoid bodily contact and wear appropriate protective equipment.

**DIRECTIONS FOR USE****General Classification**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Purate™ Precursor** is for use only in the SVP-PURE™ CHLORINE DIOXIDE GENERATOR, a pesticide device installed to generate chlorine dioxide at water treatment facilities that produce potable drinking water in compliance with the Safe Drinking Water Act or treat waste waters for reuse or discharge under applicable permits. Consult the Operator's Manual for feed rates and other operating parameters. Feed rates for **Purate™ Precursor** will depend on the severity of the contamination and the degree of control desired. The exact dosage will depend on the size of the system and the residual necessary for effective control. Typical dosage of chlorine dioxide for water systems is between 0.5 and 5 ppm on a continuous basis.

**STORAGE AND DISPOSAL****STORAGE**

Unless delivered in bulk, store in the original container. Store at ambient temperatures from 40°F to 110°F. Do not store with sulfuric acid precursor. Store in fire-resistant area separate from incompatible materials such as powdered metals, organic chemicals, combustible materials and dirt. Clean up spills immediately.

**DISPOSAL OF WASTES**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by the user according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY**

EKA CHEMICALS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label when used in accordance with specific instruction issued by EKA CHEMICALS, INC. in the Operator's Manual.

Net Contents: \_\_\_\_\_ gallons

EPA Reg. No. 49620-4  
EPA Est. No. 49620-MS-1

NOT REVIEWED  
In accordance with PR Notice 82-2.  
Based on Draft Labeling Dated 5/25/99