



049620-00003-051799

Printed: 11:15:52 Thursday, 22 Jul, 1999 # 38 / 3740

Systems Integration Group, Inc.

SVP-Pure™ Sodium Chlorate Precursor

40% Aqueous Solution

A PRECURSOR CHEMICAL FOR USE ONLY IN THE SVP-PURE™ CHLORINE DIOXIDE GENERATOR

This chemical 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 feedstocks of 78% sulfuric acid and 50% hydrogen peroxide.

— FOR INDUSTRIAL USE ONLY —
Keep out of reach of children

DANGER



SVP-Pure™ Sodium Chlorate 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 or safety glasses). Wear protective clothing and neoprene gloves. Wash thoroughly with soap and water after handling. Harmful if inhaled. Remove contaminated clothing and wash clothing 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 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 INGREDIENT

Sodium Chlorate (NaClO ₃)	40.0%
Other ingredients	60.0%
Total	100.0%

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

EPA Reg. No. 49620-3
EPA Est. No. 49620-MS-1

ACCEPTED
MAY 17 1999
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 49620-3

Net Contents ___ gallons

2 7 3

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses). Wear protective clothing and neoprene gloves. Wash thoroughly with soap and water after handling. Harmful if inhaled. Remove contaminated clothing and wash clothing 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

SVP-Pure™ Sodium Chlorate 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.

ACCEPTED
MAY 17 1999
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 49620-3

SVP-Pure™ Sodium Chlorate 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 wastewaters for reuse or discharge under applicable permits. The chlorine dioxide is used as an oxidant and/or for disinfection by water treatment facilities. **SVP-Pure™ Sodium Chlorate Precursor** and other chemical feedstocks which have been certified for use in water treatment by the National Sanitation Foundation (NSF), or equivalent, are required to operate the pesticide device to produce potable drinking water. Feed rates for **SVP-Pure™ Sodium Chlorate Precursor** will depend on the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system and residual necessary for effective control. Typical dosage of chlorine dioxide for water systems is between 0.5 ppm and 5 ppm on a continuous basis.

For detailed information on the installation, startup, operation, and maintenance of the pesticide device, see the Operator's Manual supplied with the equipment. The device is equipped with a chemical Analyzer and fully automatic controls to allow extended unattended operation.

STORAGE AND DISPOSAL

STORAGE

Unless delivered in bulk, store in 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 use 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.

ACCEPTED
MAY 17 1999
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 49620-3