



049620-00003-042699

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Systems Integration Group, Inc.



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
49620-3

Date of Issuance:
April 26, 1999

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Conditional

(under FIFRA, as amended)

Name of Pesticide Product:
SVP-Pure Sodium Chlorate
Precursor

Name and Address of Registrant (include ZIP Code):

Eka Chemicals Inc.
1775 West Oak Commons Court
Marietta, GA 30062-2254

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA regulation number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. This product must meet standards set by EPA's Office of Water prior to marketing and distributing this product.
3. Any changes made to this product in the production of chlorine dioxide must have approval from this office prior to marketing or distributing.
4. Revise the label as follows:
 - a. Change EPA Registration no. to read, "EPA Reg. No. 49620-3".
 - b. Replace the heading "Hazards to Humans" with "Hazards to Humans and Domestic Animals".
 - c. Change the toxicity category to **Danger**. Please Place **DANGER** on label immediately below the child hazard warning statement and in the precautionary labeling section immediately below the subheading, "Hazards to Humans and Domestic Animals".

(see page 2)

Signature of Approving Official:

Robert S. Brennis
Product Manager 32
Regulatory Management Branch II
Antimicrobial Division 7510C

Date: April 26, 1999

d. Remove all text immediately under Hazards to Humans and Domestic Animals and replace with the following text: "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.

e. Change the "If in eyes" statement to read: "Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

f. Change the "If swallowed" statement to read: "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.


g. Place below last first aid statement, place the phrase: "Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage."

Submit two copies of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Robert S. Brennis



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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 26 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

49620-3

— FOR INDUSTRIAL USE ONLY —

Keep out of reach of children

~~CAUTION~~ DANGER

~~SVP-Pure™ Sodium Chlorate Precursor causes moderate eye irritation. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling. Harmful if swallowed.~~

Revised

STATEMENT OF PRACTICAL TREATMENT

- If on skin — Wash with plenty of soap and water. Get medical attention if irritation persists.
- If in eyes — Flush eyes with plenty of water. Call a physician if irritation persists.
- If swallowed — Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.
- If inhaled — Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Revised

Revised

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

Net Contents ___ gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS *and Domestic Animals*

~~CAUTION~~ DANGER

~~SVP-Pure™ Sodium Chlorate Precursor causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Harmful if swallowed.~~

Revised

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.

SVP-Pure™ Sodium Chlorate Precursor (or 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 wastewaters for reuse or discharge under applicable permits. The chlorine dioxide is used as an oxidant and/or disinfectant by water treatment facilities. SVP-Pure™ Sodium Chlorate Precursor (or Purate™ 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.

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

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49620-3

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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.

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