

71654-27

01-14-2010

1/5

**FILE COPY**



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
71654-27

Date of Issuance:  
JAN 14 2010

Term of Issuance:  
Conditional

Name of Pesticide Product:  
ADOX 3875 31% aqueous sodium chlorite

**NOTICE OF PESTICIDE:**  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**E.I. duPont de Nemours and Company**  
Dupont Chemical Solutions Enterprise  
P.O. Box 80402  
Wilmington, DE 19880-0402

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 use of the label in commerce. In any correspondence on this product always refer to the above EPA registration 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 (OPP Decision No. D-421921) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration 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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Revise the "EPA File Symbol to read, "EPA Reg. No. 71645-27".

Signature of Approving Official:

Wanda Y. Henson  
Acting Product Manager Team-32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Date:

Page 1 of 2

EPA Registration No. 71654-27  
Page 2

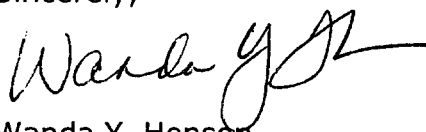
- b. Remove the word "ONLY" from "INDUSTRIAL USE".
- c. The routes of exposure in the First Aid statement must appear in the following order: If In Eyes, If On Skin Or Clothing, If Swallowed, If Inhaled.

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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.

Sincerely,



Wanda Y. Henson  
Acting Product Manager 32  
Regulatory Branch II  
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

[0001] – MASTER Label

# ADOX® 3875

31% AQUEOUS SODIUM CHLORITE

[0002]

PRECURSOR FOR CHLORINE DIOXIDE AND ACIDIFIED CHLORITE SOLUTIONS  
FOR INDUSTRIAL USE ONLY

[0003]

<b>Active Ingredient:</b>	
Sodium Chlorite.....	31.0%
Inert Ingredients.....	69.0%
Total.....	100%

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
**JAN 14 2010**

[0004]

**KEEP OUT OF THE REACH OF CHILDREN**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **71654-7**

[0005]

**DANGER**

[0006]

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

[0007]

<b>FIRST AID</b>
<b>If in eyes:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>If on skin or clothing:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>If inhaled:</b> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice
<b>If swallowed:</b> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
For 24 hour emergency information on this product, call <b>Chemtrec</b> at <b>1-800-424-9300</b> (US, Canada, Puerto Rico, Virgin Islands) 1-703-527-3887 (All Other Areas). Medical Emergency 1-800-441-3637 (outside U.S. 302-774-1000).
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.

[0008]

E.P.A. REG. NO. 71654-YYY

[0009]

E.P.A. EST. NO. XXXXXX-YY-ZZZ

[0010]  
NET CONTENTS. \_\_\_\_\_ gallons

[0011]  
© 2009. E.I. du Pont de Nemours and Company. All rights reserved. ADOX® is a registered trademark of International Dioxide Inc., a DuPont Company.

[0012]  
**Manufactured for:**  
E.I. du Pont de Nemours and Company  
1007 Market Street  
Wilmington, DE 19898

[0013]  
**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

[0014]  
**DANGER.** Highly corrosive, causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or clothing. Wear goggles or face shield, use only Neoprene gloves and use only thoroughly clean dry utensils when handling. May be Fatal if swallowed. ***Irritating to Nose and Throat. Avoid breathing fumes.*** Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

[0015]  
**ENVIRONMENTAL HAZARDS**  
This product is toxic to fish and other aquatic organisms. 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 Eliminations System (NPDES) 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.

[0016]  
**PHYSICAL OR CHEMICAL HAZARDS**  
Strong oxidizing agent. Mix or dilute with water only. Mixing with acids, or alcohol, or other chemicals may cause evolution of chlorine and chlorine dioxide gas mixture which is toxic and may be explosive. Combustible materials contaminated with ADOX® 3875 may burn rapidly. Keep handling areas and equipment clean and free of oils, greases, combustibles and dust. Do not contaminate product with garbage, dirt, organic matter, paint products, solvents, acids, vinegar, beverages, oils, pine oils, dirty rags, or other foreign matter. Do not expose to hot surfaces, sparks or open flame.

[0017]

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store upright in cool, dry and well-ventilated place. Avoid excessive heat or freezing. Protect from contact with other chemicals; avoid storage with organic chemicals, acids, reducers and combustible material. Keep container tightly closed when not in use. In case of spills, flush and drain promptly to sewer with large quantities of water. Do not allow liquid to dry out because this could present a fire hazard. If fire occurs, extinguish with large volume of water.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

[0018]

**DIRECTIONS FOR USE**

[0019]

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

[0020]

**Method of Application**

Chlorine dioxide generation must take place only under controlled conditions in a chlorine dioxide generator. These generators react ADOX® 3875 with either chlorine or a chlorine solution and hydrochloric acid producing an aqueous solution of chlorine dioxide. This solution is then added at a point in the system to be treated which ensures uniform mixing.

Alternatively, chlorine dioxide can be generated electrically by anodic reduction.

[0021]

Do not apply ADOX® 3875 directly to the system being treated. Follow all instructions in the chlorine dioxide generator manual.

[0022]

**APPLICATIONS**

[0023]

**MUNICIPAL DRINKING WATER DISINFECTION**

For municipal water systems, a chlorine dioxide residual concentration up to 2.0 ppm is sufficient to provide adequate disinfection. Normal target residual concentrations are in the 0.20-0.75 ppm range. Monitor the distribution system to ensure that the chlorite concentration does not exceed its maximum contaminant level (MCL) of 1 mg/L and that chlorine dioxide does not exceed its maximum residual disinfectant level (MRDL) of 0.8 mg/L.