



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 15 2001

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Serena Ciallella, Regulatory Compliance Specialist  
Atofina Chemicals, Inc.  
2000 Market Street  
Philadelphia, PA. 19103-3222

SUBJECT: July 9, 2001 Amendment  
Sodium Chlorite, 31%  
EPA Registration 55050-1

Dear Ms. Ciallella:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the following conditions:

- Line up the Ingredients statement and add the phrase Total ----- 100%

In general, the following requested revisions have taken place:

- First Aid statement updated per PR 2001-1.

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling. A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,

A handwritten signature in cursive script that reads "Tom Luminello for".

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

CODE CSA

24-HR EMERGENCY CALL CH

# ATOFINA SODIUM CHLORITE, 31% AQUEOUS SOLUTION

## PRECAUTIONARY STATEMENTS

**DANGER:** Highly corrosive. Causes eye and skin damage. Do not take internally. May be fatal if swallowed. Irritating to nose and throat. Avoid breathing fumes. Do not get in eyes, on skin or on clothing. Do not handle with bare hands. Wear goggles or face shield, neoprene gloves and apron. Use only thoroughly clean utensils when handling. Remove and wash contaminated clothing to avoid fire.

MADE IN FRANCE

Active ingredient: Sodium Chlorite ----- 31%

Inert ingredient: Water ----- 69%

Total ----- 100% *line up*

DIR

It is a violation of Federal law to use this product in the mechanical control of biological organic processing flumes, water towers, consult the general other operating parameters

### FIRST AID

**IF ON SKIN OR CLOTHING:** 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.

**IF IN EYES:** 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.

**IF SWALLOWED:** Call poison control center or doctor immediately for treatment advice. Have a 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.

**IF INHALED:** 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.

For Emergency call Rocky Mountain Poison Control Center: 303-623-5716 (24 hrs)

# DANGER

KEEP OUT OF REACH OF CHILDREN

STOR

**STORAGE:** Store upright in place. Avoid excessive heat. Contact with other chemicals, chemical acids, reducers and container tightly closed. In case of spills, flush and drain large quantities of water. Do not touch this could present a fire hazard. Extinguish with large volume of water.

## TREATMENT OF WATER

SODIUM CHLORITE IS A PRECURSOR OF CHLORINE DIOXIDE. CHLORINE DIOXIDE IS GENERATED FROM AQUEOUS SOLUTION OF SODIUM CHLORITE AND HYDROCHLORIC ACID OR CHLORINE. THE CHLORINE DIOXIDE SOLUTION IS USED IN THE TREATMENT OF DRINKING WATER, INDUSTRIAL AND WASTE WATERS. THE USES OF CHLORINE DIOXIDE ARE:

- ELIMINATION OF AQUATIC ORGANIC MATERIALS,
  - DISINFECTION OF DRINKING WATER,
  - ELIMINATION OF PHENOLIC TASTES AND COLOR (1-2 g of ClO<sub>2</sub> by gram of Phenol),
  - IRON AND MANGANESE REMOVAL,
  - BACTERICIDAL AND VIRUCIDAL EFFECTS:
- THE CHLORINE DIOXIDE HAS A GREAT REMAINING OXIDIZING POWER,
- ANTI-FOULING AGENT.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 5 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended for the registration of

THE USUAL RATIO OF TREATMENT OF DRINKING WATER IS ABOUT 0.2 TO 0.5 mg BY LITER OF WATER TO BE TREATED.

55050-1

EPA Registration No: 55050-1

EPA Establishment No: 55050-FR-1

**EMERGENCY HANDLING:** In case of decomposition, do not resealed. Store in well ventilated area. Flooded. Cool unopened drums in vicinity of fire.

**PESTICIDE DISPOSAL:** Do not store by storage or disposal. If hazardous. Improper disposal mixture or rinsate is a waste. Wastes cannot be disposed in directions, contact your State Control Agency, or the Hazardous Waste Control Agency, or the nearest EPA Regional Office.

**CONTAINER DISPOSAL:** Triple rinse for recycling or reconditioning in a sanitary landfill, or by state and local authority out of smoke.

### ENVIRONMENTAL HAZARD

This product is toxic to fish. 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 Pollution Discharge Elimination 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.

### CHEMICAL AND PHYSICAL HAZARDS

**DANGER:** Sodium Chlorite is an oxidizing agent. Contamination with other materials such as acids, Chlorine, organic chemicals, etc., may cause a chemical reaction, resulting in evolution of Chlorine Dioxide and heat. Explosion and/or fire could result. Chlorine Dioxide is a poisonous, explosive gas. Keep all chemical and foreign materials away from this solution.

**NOTICE:** THERE ARE NO WARRANTIES ASSOCIATED WITH THE SALE OF THIS PRODUCT, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, OR WARRANTY OF MERCHANTABILITY.

NET WEIGHT: 574 LBS (260 KG)

ATOFINA CHEMICALS, INC.  
BASIC CHEMICALS, 2000 MARKET  
PHILADELPHIA, PA 19103.

DOT DESCRIPTION  
CHLORITE SOL