

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

F-0

JUL 10 1997

Sam Morreale  
United Mineral & Chemical  
1100 Valley Brook Avenue  
Lyndhurst, NJ 07071

Subject: Calcium Hypochlorite  
EPA Registration No. 62550-1  
Notification Per PR-Notice 95-2

Dear Mr. Morreale:

This will acknowledge receipt of your notification, for additional brand name (Idorklorel), submitted under the provisions of FIFRA section 3 (c) 9. Based on a review of the submitted material, the following comments apply.

The application is acceptable and the notification has been made a part of the records for this file.

Sincerely,

Wanda Y. Mitchell  
Notification Coordinator  
Regulatory Management Branch II  
Antimicrobial Division (7510W)

CONCURRENCES

SYMBOL	7510W						
SURNAME	Mitchell						
DATE	7-10-97						

295

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
253373

Application for Pesticide - Section I

1. Company/Product Number 62550-1	2. EPA Product Manager Robert Brennis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CALCIUM HYPOCHLORITE (IDROKLOREL)	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) ALTAIR CHEMICA SpA c/o United Mineral & Chemical Co. 1100 Valley Brook Avenue Lyndhurst, NJ 07071 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submit label amendment, pursuant to PR Notice 95-2, to add graphics and verbiage.

Submit additional brand name notification pursuant to PR Notice 95-2. The ABN is *Idroklorel*. This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Sal Morreale	Title Manager	Telephone No. (Include Area Code) (201) 507-3307
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager	
4. Typed Name Sal Morreale	5. Date June 5, 1997	

# Idroklorrel®

**ACTIVE INGREDIENT:**

Calcium Hypochlorite.....65%

**INERT INGREDIENTS.....35%**

**Keep Out of Reach of Children**

**DANGER**

**Statement of Practical Treatment (First Aid)**

If Contact with Eyes Occurs, flush with cold water for at least 15 minutes. Get medical attention.  
If Contact with Skin Occurs, brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.  
If swallowed, drink large quantities of water. Do not induce vomiting. Call a physician immediately.  
(See additional precautions on side panel)

**Net. wt. 100 lbs.**  
**45.4 kg.**

EPA Reg. No. 62550-1

EPA Est. 62550-ITA-1

# Calcium Hypochlorite granular

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust. Remove and Wash contaminated clothing before reuse.

### Environmental Hazards

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### Physical or Chemical Hazards

**STRONG OXIDIZING AGENT.** Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, Chlorine gas (and possible fire and explosion). In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water, if necessary

## DIRECTIONS FOR USE

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

## STORAGE AND DISPOSAL

**STORAGE:** Keep this product dry in a tightly closed container when not in use. Store in a cool, dry, well ventilated area away from Heat or open flame. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. **DISPOSAL:** Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

## SWIMMING POOL WATER DISINFECTION

For a new pool or spring start-up, superchlorinate with 10 to 20 oz. of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, 2 oz. of this product for each 10,000 gallons of water to yield and available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the Ph, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 10 to 20 oz. of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge, do not chlorinate the pool within 24 hours prior to discharge.

## WINTERIZING POOLS

While water is still clear and clean, apply 0.6 oz. of this product per 1,000 gallons, while filter is running, to obtain a 3.0 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

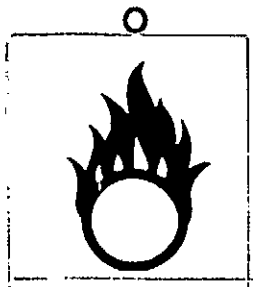
## OTHER CALCIUM HYPOCHLORITE USES

Calcium Hypochlorite is also used for industrial purposes such as:

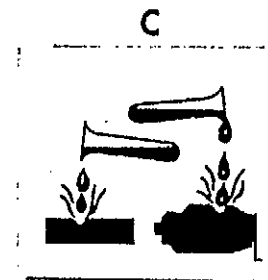
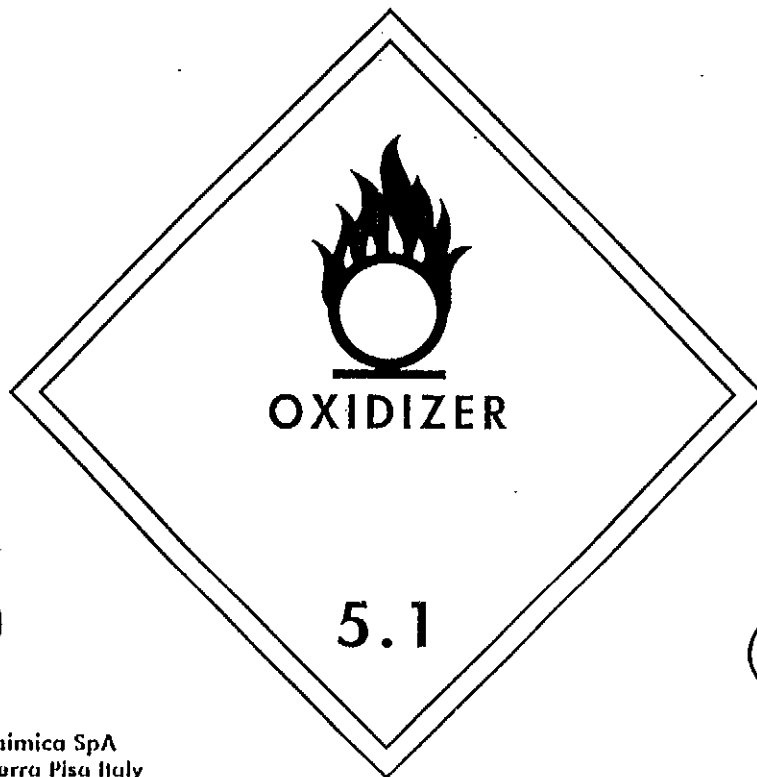
- Sanitation of drinking water systems (algae and bacteria control)
- Treatment of waste water effluents (textile and paper mills, tanneries, petrochemical plants, etc.)
- Sanitation in the food industries
- Algae control in commercial and industrial cooling systems
- Others

For further information on industrial uses see *Altair Chemica S.P.A. Idroklorele Directions for Use* and/or call (201) 507-3300.

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Oxidizing  
 Comburant  
 Comburente  
 Brandfördernd  
 Comburente  
 Oxyderend



Corrosive  
 Corrosif  
 Corrosivo  
 Ätzend  
 Corrosivo  
 Corrosief

Calcium Hypochlorite - hydrated  
 CAS. (7778-54-3)  
 U.N. N° 2880 RQ



Made by Altair Chimica SpA  
 56047 Saline di Volterra Pisa Italy



**Altair Chimica SpA**



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