

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 34093-4	DATE OF ISSUANCE JUL 06 1995
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Sun Chlor	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Sunshine Chemical Specialties, Inc.
P. O. Box 86
Butler, WI 53007

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment:

- Revise the Environmental Hazards statement to read:

 "This pesticide 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

294

A stamped copy of the product label is enclosed for your records. Submit one copy of the final printed label before releasing the product in channels of trade with the revised labeling.

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



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

BEST COPY AVAILABLE

3

SUN CHLOR DISINFECTANT-SANITIZER

FOR INDUSTRIAL & INSTITUTIONAL USE

ACTIVE INGREDIENT:	
Sodium Hypochlorite	10.0%
INERT INGREDIENTS	90.0%
TOTAL	100.0%

EPA Reg. No. 34093-4

EPA Est. No. 38664-AR-1

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN

DANGER: CORROSIVE. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately. **IF ON SKIN:** Remove contaminated clothing and wash skin with plenty of soap and water. **IF IN EYES:** Flush eyes and under eyelids with water for at least 15 minutes, and get immediate medical attention.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. 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 according to label instructions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergent or other chemicals may release hazardous gases irritating to eyes, skin, lungs and mucous membranes.

Sold by

SUNSHINE CHEMICAL SPECIALTIES, INC. P.O. Box 86, Butler, WI 53007

NET CONTENTS: 1 5 20 35 55 GALLONS

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its label.

FOOD PROCESSING PLANT SANITIZATION:
CANNING PLANTS: Sanitize after cleaning by spraying sanitizing solution on processing equipment, or circulate a sanitizing solution through processing equipment using Solution F (200 ppm). All surface sanitizing solution for a period of two minutes. Three ppm of chlorine residual in the cooling canal water.

MEAT PACKING PLANTS: Cutting room floors, boards should be cleaned and then sanitized with Solution F (200 ppm). Room freezers should be fogged with Solution F (200 ppm) and then sanitized with Solution F (200 ppm). A minimum of 15 minutes should be allowed.

POULTRY AND EGG PROCESSING: Clean all equipment with Solution F (200 ppm). For sanitizing eggs, use Solution F (200 ppm) contact with the sanitizing solution for not less than 15 minutes after sanitizing. Allow eggs to air dry before casing.

CIP SYSTEMS IN BOTTLING AND BEVERAGE PLANTS: Clean in place manner, then fill entire system with Solution F (200 ppm).

REFRIGERATION EQUIPMENT: To help eliminate odors, clean all parts of the refrigerator with a mild detergent, then sanitize with Solution F (200 ppm).

MECHANICAL DISHWASHING EQUIPMENT: Use Solution F (200 ppm) to sanitize. Inject Solution D (50 ppm) or Solution E (100 ppm) into the final rinse cycle at a point after the detergent breaker. Test the water periodically and adjust the available chlorine level is maintained.

WATER TREATMENT APPLICATIONS:
WATER PURIFICATION IN POTABLE WATER SYSTEMS: 42 fluid ounces per 50,000 gallons of water. Appropriate amount of Solution F (200 ppm) determine the available chlorine present after 30 minutes of treatment as necessary to establish an available chlorine residual.

BEST COPY AVAILABLE

3

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 06 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 34093-4

3
ACTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its label.

D PROCESSING PLANT SANITIZATION:

MEAT PROCESSING PLANTS: Sanitize after cleaning by spraying tanks, vats and other open processing equipment, or circulate a sanitizing solution through pipelines and enclosed equipment using Solution F (200 ppm). All surfaces should be exposed to the sanitizing solution for a period of two minutes. Three ppm (Solution B) should be maintained in the cooling canal water.

MEAT PACKING PLANTS: Cutting room floors, tables and cutting and trimming equipment should be cleaned and then sanitized with Solution F (200 ppm). Cooling coils in freezers should be fogged with Solution F (200 ppm). Bacon slicing equipment, conveyors for paunch viscera, etc., metal or non-porous surfaces should be cleaned and then sanitized with Solution F (200 ppm). A contact time of not less than two minutes should be allowed.

EGG AND EGG PROCESSING: Clean all equipment and then sanitize with Solution F (200 ppm). For sanitizing eggs, use Solution E (100 ppm). Allow eggs to be in contact with the sanitizing solution for not less than two minutes. Do not rinse eggs after sanitizing. Allow eggs to air dry before casing. No rinse is required.

REFRIGERATION SYSTEMS IN BOTTLING AND BEVERAGE PLANTS: Clean equipment in usual manner, then fill entire system with Solution F (200 ppm) and circulate for 5 minutes.

REFRIGERATION EQUIPMENT: To help eliminate odor-causing bacteria, thoroughly wash parts of the refrigerator with a mild detergent, then follow with Solution F (200 ppm).

MECHANICAL DISHWASHING EQUIPMENT: Using an automatic metering pump, inject Solution D (50 ppm) or Solution E (100 ppm), depending on local health code requirements, into the final rinse cycle at a point below the bell-shaped vacuum breaker. Test the water periodically and adjust metering pump so that the proper available chlorine level is maintained.

WATER TREATMENT APPLICATIONS:

WATER PURIFICATION IN POTABLE WATER SYSTEMS: At an initial concentration of 4 fluid ounces per 50,000 gallons of water. Apply through a suitable feed device and determine the available chlorine present after 30 minutes with a chlorine test kit. Repeat treatment as necessary to establish an available chlorine residual of at least 0.2 ppm.

SWIMMING POOL SANITIZATION: Use 40 fluid ounces per 25,000 gallons of water. Maintain 0.6 ppm to 1 ppm available chlorine to ensure proper sanitation. To combat algae growth, super chlorinate at least once per week by adding 5 times the recommended dosage. Do not use the swimming pool until the chlorine residual drops to 1 ppm. To aid in the control of athlete's foot fungus, use Solution G (1000 ppm) in showers, locker rooms and around swimming pools.

COOLING TOWERS AND STORAGE TANKS: To control algae and slime, initially charge system with Solution A (2 ppm). Maintain this concentration by using an automatic metering pump, injecting into the make-up water. Test water periodically and adjust metering pump to maintain 2 ppm available chlorine level.

TABLE OF PROPORTIONS: NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

Solution	Parts per Million (ppm) Available Chlorine	Dilution Rate Ounces per Gallons
A	2 ppm	1 oz. to 300 gal.
B	3 ppm	1 oz. to 200 gal.
C	10 ppm	1 oz. to 60 gal.
D	50 ppm	1 oz. to 12 gal.
E	100 ppm	1 oz. to 6 gal.
F	200 ppm	1 oz. to 3 gal.
G	1000 ppm	7 oz. to 4 gal.

STORAGE AND DISPOSAL: Do not contaminate food, or feed by storage, disposal, or cleaning of equipment. Store in a cool, dry areas away from direct sunlight. In case of spill, flood area with large quantities of water.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility. Product or rinsate that cannot be used should be diluted with water and disposed of in a sanitary sewer.
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.

BEST COPY AVAILABLE

4
to
4