

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 28 1996

Occidental Chemical Corporation
Technical Center, V-81
P.O. Box 344
Niagara Falls, NY 14302

Attention: Walter F. Suchanek
Senior Regulatory Specialist

Subject: Crystal Pure 90M Sanitizer, Three Inch Tablets
EPA Registration Number 935-76
Eight Month Response to the Chlorinated Isocyanurate
Reregistration Eligibility Document (RED)

The amendment referred to above, submitted in response to the Reregistration Eligibility Document, in accordance with section 4(g)(2)(b) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the following comments:

- 1. The Precautionary Statements should read:

"Corrosive. Causes irreversible eye damage or skin burns. May be fatal is swallowed. Harmful if absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

- 2. The Statements of Practical Treatment should read:

IF SWALLOWED: Call a physician or Poison Control Center. Drink large amounts 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 ON SKIN: Wash with plenty of soap and water. Get medical attention.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

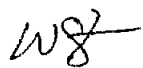
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

- 3. The Child-resistant packaging is recommended for products which are intended for residential use.
- 4. Delete "& related Isocyanurates" from the ingredient statement.

A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

If you have any questions concerning this letter, please contact Delores Williams at (703) 305-7109.

Sincerely,



Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES EYE AND SKIN DAMAGE. IRRITATING TO NOSE AND THROAT. HARMFUL OR FATAL IF SWALLOWED.

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing dust or fumes. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARD

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 into sewer system without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

PHYSICAL OR CHEMICAL HAZARD

STRONG OXIDIZING AGENT. Will burn with the evolution of chlorine and equally toxic gases. Contact with water slowly liberates irritating and hazardous chlorine containing gases. Decomposes at 460°F to 480°F with liberation of harmful gases.

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 material, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion.

IN CASE OF FIRE OR SMOKE:

If possible, isolate in open air or well ventilated area. Flood with large volume of water.

IN CASE OF CONTAMINATION OR DECOMPOSITION: **DO NOT** re-seal container.

STORAGE AND DISPOSAL

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

STORAGE: Keep container tightly closed. Store in a dry place. **DO NOT ALLOW WATER TO GET INTO CONTAINER.** Keep container off wet floors.

PESTICIDE DISPOSAL: Pesticide wastes are acutely toxic. 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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Clean equipment and/or dispose if equipment wash water in a manner to avoid contamination of water resources.

For Household Containers: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL:

For Fiber Drums: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration as allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

For Plastic Pails: 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.

For Household Containers: Do not reuse container. Rinse thoroughly before discarding in trash.

CRYSTAL PURE™ 90M, SANITIZER THREE INCH TABLETS

ACTIVE INGREDIENT:

Trichloro-s-triazinetriene and related isocyanurates.....	92.9%
Sodium Bromide.....	6.9%
INERT INGREDIENTS.....	0.2%
	100.0%

Contains 83% available chlorine
Provides 187% available chlorine with continued use in accordance with the Directions for Use

CRYSTAL PURE 90M SANITIZER, Three Inch Tablets can be used in many feeders to treat pools, spas and hot tubs continuously. When used as directed, CRYSTAL PURE 90M SANITIZER, Three Inch Tablets will disinfect the water, keeping it clean, clear and free of odor. CRYSTAL PURE gives the effectiveness of chlorine without the chlorine odor.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF SWALLOWED, drink large amounts of water. **DO NOT** induce vomiting. Avoid alcohol. Call a physician or poison control center immediately.

IF IN EYES, flush with plenty of water for 15 minutes. Get medical attention.

IF ON SKIN: Immediately brush off excess chemical and flush with plenty of water. Remove contaminated clothing. Wash clothing before reuse. **GET MEDICAL ATTENTION** if irritation persists.

IF INHALED: Remove to fresh air. **GET MEDICAL ATTENTION.**

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for DIRECTIONS FOR USE

EPA Est. No. 58401-MO-1
EPA Reg. No. 935-76

Occidental Chemical Corporation
Basic Chemicals Group
Dallas, Texas 75360
214-404-3800
24 Hour Emergency Phone: 1-800-733-3665

NET WT 50LBS./22.7 KG

DIRECTIONS FOR USE

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

FOR CONTROL OF BACTERIA AND ALGAE IN POOLS, SPAS AND HOT TUBS

Reentry into treated swimming pools or spas is prohibited above levels of 3 ppm of chlorine.

STARTUP: To start up a new pool, spa or hot tub, or one that has been refilled, clean all surfaces and the filter and balance the total alkalinity at 125-175 ppm. Treat the water for iron, copper and manganese if present and adjust the pH to 7.5-8.0. Then add an EPA registered source of sodium bromide to provide an initial concentration of 5-10 ppm bromide ion. Follow the directions and precautions on the label for the registered sodium bromide product. As a guide, using a Technical Grade of registered source of sodium bromide at 95% purity, it requires 0.5-1 ounce per 100 gallons for spas or hot tubs and 0.5 to 1.0 lbs. per 10,000 gallons for swimming pools to provide 5-10 ppm bromide ion. The sodium bromide remains as a stable reserve in the water until the addition of Crystal Pure 90M Sanitizer, Three Inch Tablets which cause the bromine to be released. Place the Crystal Pure 90M Sanitizer, Three Inch Tablets in a suitable feeder or feeder. Adjust the feeder according to the manufacturer's directions to obtain an active bromine level of 2-6 ppm using a bromine test kit (or 1-3 ppm active chlorine using a chlorine test kit).

MAINTENANCE: The best results are usually obtained if the bromine levels, pH and total alkalinity are maintained as prescribed in the Startup Instructions. Test bromine level frequently. If bromine level is below the prescribed levels, adjust feeder to increase tablet dissolution rate to maintain 2-6 ppm available bromine (1-3 ppm available chlorine). If the bromine (or chlorine) levels are above the prescribed limits adjust the feeder to decrease the tablet dissolution rate to maintain 2-6 ppm available bromine (1-3 ppm available chlorine). Wait until the levels drop to the prescribed level before using the pool, spa, or hot tub. Add tablets to feeder as necessary.

SHOCK TREATMENT: Water soluble, non-filterable wastes can accumulate in the water of pools, spas or hot tubs and cause dull or cloudy water and stimulate algae growth. For shock treatment, use Crystal Pure 90M Sanitizer Granules (EPA Reg. No. 935-74) to establish the required levels of 10-20 ppm active bromine (5-10 ppm active chlorine). Follow the recommended dosages in the Directions for Use on the label for that product.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28, 1996

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

935-76

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