

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
9861-9

DATE OF ISSUANCE
SEP 24 1993

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Liquid Chlorinating
Compound TSC-911

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Technical Specialties Corporation
250 Arizona Avenue, N.E.
Atlanta, GA 30307

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.

Submit the following information before you release the product for shipment:

The repackaged source product listed for this registration has been transferred. Refer to the attached copy of the Confidential Statement of Formula (CSF) for this product. To update this file, a revised CSF (enclosed) must be correctly filled out and returned.

A stamped copy of the product label is enclosed for your records.

Submit one copy of the final printed labeling before releasing the product in channels of trade with the revised labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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.

Ruth G. Douglas *rwg*
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7504C)

Enclosures

ACCEPTED
with COMMENTS
by EPA Letter Dated:

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SEP 24 1988

AQUA-TECH

The sign of

Scientific Water Treatment

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

SPECIALTY PRODUCT

TSC-911

LIQUID CHLORINATING COMPOUND

... ethically applied

| | |
|------------------------------------|-------|
| ACTIVE INGREDIENT: | |
| Sodium Hypochlorite | 12.5% |
| INERT INGREDIENTS: 87.5% | |

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

NOTE: THIS PRODUCT DEGRADES WITH AGE. USE A CHLORINE TEST KIT AND INCREASE DOSAGE AS NECESSARY TO OBTAIN THE REQUIRED LEVEL OF AVAILABLE CHLORINE.

CONDENSER/TOWER TREATMENT

BADLY FOULED SYSTEMS MUST BE CLEANED BEFORE TREATMENT IS BEGUN

SLUG FEED METHOD - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 11 oz. of product per 10,000 gallons of water in the system, daily or as needed to maintain control and keep the chlorine residual at 1 ppm.

INTERMITTENT FEED METHOD - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by bleed-off.

Subsequent Dose: When microbial control is evident, add 11 oz. of product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by bleed-off.

CONTINUOUS FEED METHOD - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 1 oz. of product per 1,000 gallons of water lost by bleed-off to maintain a 1 ppm residual.

DIRECTIONS ARE CONTINUED ON RIGHT SIDE PANEL

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

DANGER

Corrosive. May cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return to the area until strong odors have dissipated. Wash after handling.

PRACTICAL TREATMENT (FIRST AID)

If contact with eyes occurs, flush with water for at least 15 minutes. Get prompt medical attention. If contact with skin occurs, wash with plenty of soap and water. IF SWALLOWED, drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

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 the 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/CHEMICAL HAZARD

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g., ammonia, acids, detergents, etc.) or with organic matter (e.g., urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs, and mucous membranes.

NET CONTENTS: _____ GALLONS (10.2 lbs/gal)

Batch No. _____

DIRECTIONS

SWIMMING POOL

NEW POOL OR START-UP: Add 52 to 104 oz. TSC-911 per 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight, checked and maintain pool residual at 1 to 2 ppm. Adjust and recheck between 50 and 100°F.

TO MAINTAIN: Add 11 oz. TSC-911 per 10,000 gallons of water to yield an available chlorine residual of 0.6 and 1.0 ppm by weight, frequently with appropriate stabilizer, pools of 1.0 to 1.5 ppm. of treatment will be required and number of swimmers.

SUPERCHLORINATE: Add 52 to 104 oz. of water to yield 5 to 10 ppm available chlorine by weight. Do not permit residual to exceed 10 ppm.

AT END OF SEASON: Drain pool, to dissipate from discharge. Do not discharge within 24 hours before reuse.

WINTERIZING: Apply 52 to 104 gallons of clear water, running, to obtain 5 to 10 ppm residual determine residual. Cover pool and preclude according to manufacturer's instructions.

STORAGE

Store this product in original container from direct sunlight to avoid deterioration. In large quantities, rinse container that cannot be reused with water before disposal. Do not store, dispose, or reuse containers thoroughly with water or discard by placing in an approved disposal site.

SUPPLEMENTAL

For applications not covered by these directions a supplemental label or directions is effective.



TECHNICAL SERVICE
250 Arizona Ave.
Tempe, Arizona
Telephone: (602) 964-1111



SUPPLEMENTAL LABELING

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

AGRICULTURAL USES

POST-HARVEST PROTECTION - Potatoes can be sanitized after cleaning and prior to storage by spraying with a sanitizing solution at a level of 1 gallon of sanitizing solution per ton of potatoes. For this application, mix 1 oz. TSC-911 to 2 gallons of water to obtain 500 ppm available chlorine.

FRUIT & VEGETABLE WASHING - Thoroughly clean all fruits and vegetables in a wash tank. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Prepare the sanitizing solution by thoroughly mixing 5 oz. TSC-911 with 200 gallons of water to obtain 25 ppm available chlorine. Prior to packaging, spray these vegetables with the sanitizing solution. Rinse fruit with potable water only prior to packaging.

EGG SANITIZATION - Thoroughly clean all eggs. Prepare a 200 ppm available chlorine solution by thoroughly mixing 2 oz. TSC-911 with 10 gallons of warm water. The sanitizer temperature should not exceed 130° F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to dry thoroughly before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

BEEKEEPERS - Disinfect leafcutting bee cells and bee boards by immersion in a solution containing 1 ppm available chlorine for 3 minutes. Allow cells to drain for 2 minutes and dry for 4 to 5 hours or until no chlorine odor can be detected. This solution is made by thoroughly mixing 1/2 oz. TSC-911 to 100 gallons of water. Disinfect the bee domicile by spraying with a solution of 0.1 ppm available chlorine until all surfaces are thoroughly wet. Allow the domicile to dry until all chlorine odor has dissipated.

SPECIALTY PRODUCT

TSC-911

LIQUID CHLORINATING COMPOUND

KEEP OUT OF REACH OF CHILDREN

DANGER

Corrosive. See basic label on the front of this container for detailed precautionary statements.

FARM PREMISES

Remove all animals, poultry, and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Disinfect by saturating all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. A 1000 ppm solution can be made by thoroughly mixing 11 oz. TSC-911 with 10 gallons of water. Immerse all halters, ropes and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels, and scrapers used for removal of litter and manure. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or poultry, or employ the equipment until chlorine has been dissipated. All treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers must be rinsed with potable water before use.

ASPHALT/WOOD ROOFS & SIDINGS

To control fungus and mildew, first remove all physical soil by brushing and hosing with clean water, then apply a 5000 ppm available chlorine solution, made by mixing 5 oz. TSC-911 per gallon of water. Brush or spray surface being cleaned and rinse after 30 minutes by hosing with clean water.

ARTIFICIAL SAND BEACHES

To sanitize the sand, spray with a solution of 500 ppm available chlorine at frequent intervals. Small areas can be sprinkled with a watering can. Prepare solution with 5 oz. TSC-911 per 10 gallons water.



EPA Reg. No. 2861-9
EPA Est. No. 2861-GA-1

TECHNICAL SPECIALTIES CORPORATION

250 Arizona Ave., NE, Atlanta, Georgia 30307
Telephone 1 (404) 378-1403

DISINFECTION OF DRINKING WATER

INDIVIDUAL SYSTEMS: In all cases covered by instructions, consult Health Department for further details.

SANITIZING SOLUTION: A solution of 100 ppm available chlorine can be obtained by thoroughly mixing 1 oz. TSC-911 to 10 gallons of water.

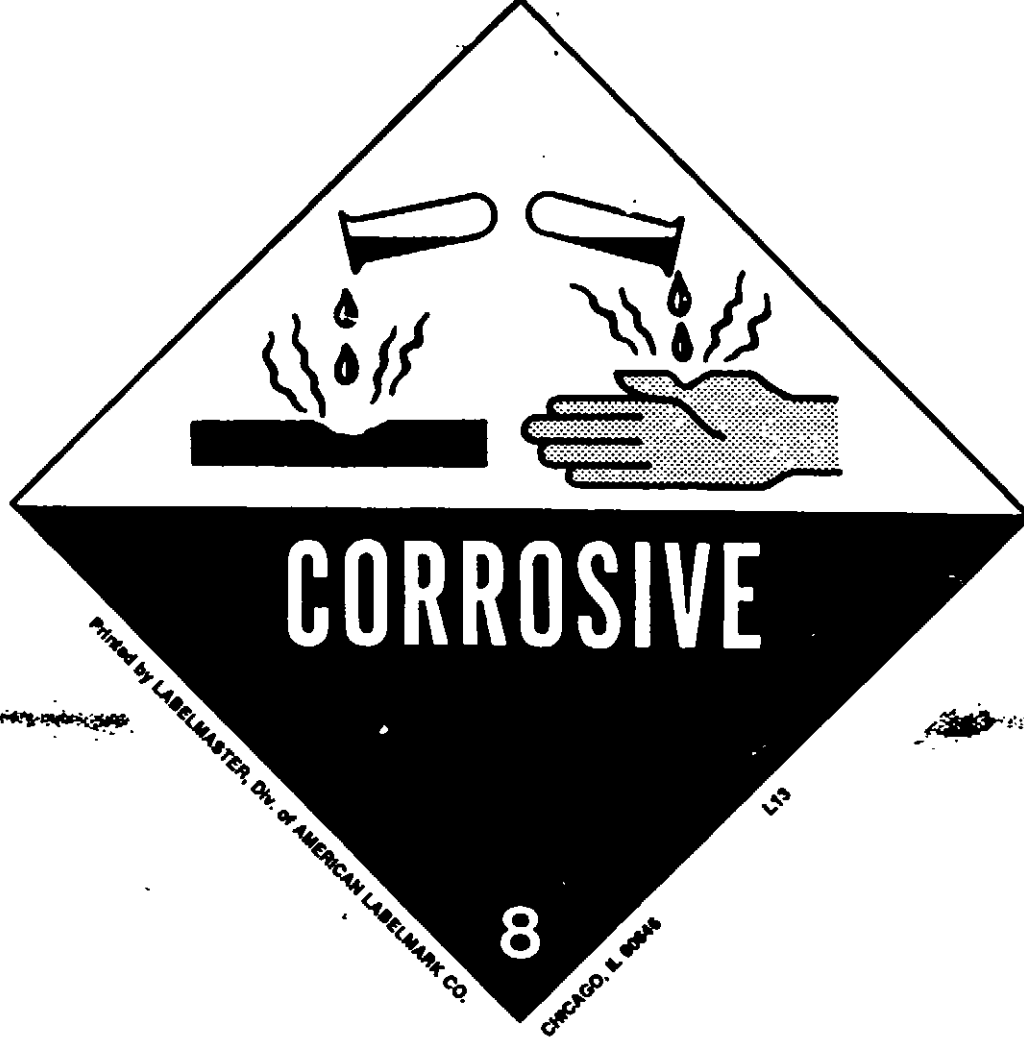
DUG WELLS - Upon completion of (lining) wash the interior of the well with a 100 ppm available chlorine solution and stiff brush. After covering the well with the sanitizing solution into the well through the pipesleeve opening and wash exterior of the pump with the sanitizing solution as well. Start pump and run until the strong odor of chlorine is dissipated. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the well.

DRILLED, DRIVEN & BORED WELLS - Wash until water is as free from chlorine odor as possible. Pour a 100 ppm available chlorine solution into the well through the pipesleeve opening. Add 10 gallons of the clear, chlorine solution to the well in order to force the solution into the rock formation. Wash exterior of pump cylinder with the same solution. After 24 hours, start pump and run until strong odor of chlorine is dissipated. Stop pump and wait at least 24 hours. Flush the well until all traces of chlorine have been removed. Deep wells with high water tables necessitate the use of special equipment for introduction of sanitizer into the well.

FLOWING ARTESIAN WELLS - General disinfection of persistent contamination is not possible. If analyses, the well should be disinfected.

EMERGENCY DISINFECTION - When the water is not potable for 1 minute is not practical. Potable water can be made by using a water filter. PRIOR to adding sanitizer, remove turbidity by filtration or by settling to the bottom. Decant the clear water to a clean container. Add 1 drop TSC-911 to 20 gallons of water. Allow treated water to stand for 30 minutes. Properly treated water SHOULD be free of chlorine odor; if not, repeat the process. Allow the water to stand an additional 30 minutes. The treated water can be made potable by pouring it several times into clean containers.

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