

550-201

12/02/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510-P)
1200 Pennsylvania Avenue N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

550-201

Date of Issuance:

Dec. 2, 2008

Term of Issuance:

Unconditional

Name of Pesticide Product:

Liquichlor 12.5% MUP

Name and Address of Registrant (include ZIP Code):

Univar USA, Inc.
17425 NE Union Hill Rd.
Redmond, WA. 98052

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and, submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Change EPA File Symbol 550-ENR to EPA Registration Number 550-201.

Submit two copies of the finished final printed label prior to releasing this product for sale.

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

Signature of Approving Official:

Emily H. Mitchell
Product Manager 32
Antimicrobials Division (7510P)

Date:

December 2, 2008

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# LIQUICHLOR 12.5% MUP

**ACTIVE INGREDIENT:**

Sodium Hypochlorite.....12.5%

**OTHER INGREDIENTS:**.....87.5%

Total.....100.0%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### FIRST AID

**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 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 Swallowed:**

- Call a poison control center or doctor immediately for treatment advice
- Have 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 a doctor
- Do not give any thing 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 treatment advice

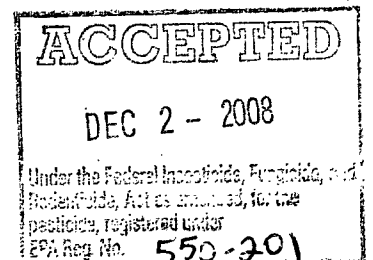
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.  
(See additional precautions on side panel)

Manufactured by:  
**Univar USA Inc.**  
17425 NE Union Hill Rd  
Redmond, WA 98052

EPA REG NO. 550-ENR      EPA EST 550-PA-004

NET CONTENTS:



PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**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. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS

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 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 local 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 directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs, and mucous membranes.

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 within one month of receipt. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

STORAGE AND DISPOSAL

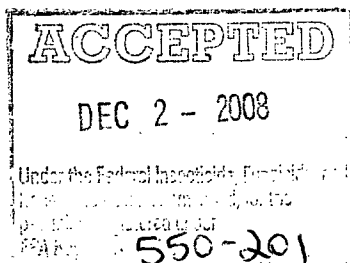
Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**If Empty:** Do not reuse container. Place in trash or offer for recycling if available.

**If Partially Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Nonrefillable Container:** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and for the



several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable container.** Refill this container with Sodium Hypochlorite only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**FOR MANUFACTURING-USE ONLY IN THE FORMULATION OF END-USE PRODUCTS INTENDED AS:**

- Sanitizers of surfaces
- Sanitizers of commercial and household laundry
- Agents to wash or assist in lye peeling of fruits and vegetables
- Agents to help control microorganisms on egg for human consumption
- Disinfectants of poultry drinking water
- Disinfectants of human drinking water and drinking water systems
- Disinfectants of swimming pool water , spas and hot tubs, immersion tanks, or hydrotherapy pools
- Disinfectants of nonporous hard surfaces
- Disinfection of farm premises
- Leafcutting bee cells and bee board disinfection
- Agents to control fungi and mildew on painted/sealed asphalt or wood roofs and siding
- Agents to help control microorganisms in sewage, wastewater, industrial and pulp and paper process water systems
- Algicides/slimicides in cooling tower waters or evaporative condensers
- Sanitizers of dialysis machines
- Sanitizers of toilet bowls
- Agents to help control algae and bacteria in fish and lobster ponds/ tanks and conditioning oysters
- Agents to help control slime on boat bottoms
- Agents to sanitize and deodorize artificial sand beaches
- Agents to kill scavenger fish in fish hatchery ponds.

Reformulators and repackagers of this product must obtain their own registrations from the Environmental Protection Agency.

