US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (7S-767)
WASHINGTON, DC 20460

NOTICE OF PESTICIDE: [X] REGISTRATION [ ] REREGISTRATION

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

EPA REGISTRATION NO.	DATE OF ISSUANCE
72493-1	NOV 23 1999
TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT: 15% Sodium Hypochlorite	

NAME AND ADDRESS OF REGISTRANT *(Include ZIP code)*

Aries Chemical Inc.
P. O. Box 519
Beaver Falls, Ny 13305

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.

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

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants to similiar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment.

   a. Add the phrase "EPA Registration No. 72493-1."

   b. Add the "Envionmental 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 EPA.

[ ] ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE

EPA Form 8570-6 (Rev. 8-76) PREVIOUS EDITIONS ARE OBSOLETE AND MAY NOT BE USED

c. Revise ingestion statement to read:

"If Swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately."

Submit one copy of the final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of the final printed labeling.

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.

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

Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

ARIES 0305

15% by volume, 12.5% by weight

15% Sodium Hypochlorite Solution

UN1791

Active Ingredient: Sodium Hypochlorite.....12.5%

Inert Ingredients:.....87.5%

55 GAL. NET

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.

CAS NO. 7681-52-9

DANGER

Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear goggles or face shield and rubber gloves. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas. Do not return until strong odors have dissipated.

PRECAUTION

Mix only with water. Mixing with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes. A strong bleaching agent. Do not spill on clothing, carpet or other fabric.

SPECIAL HANDLING

Store in a cool dry area, away from direct sunlight and heat to avoid deterioration. Do not reuse empty container. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

EPA REG. NO.

EPA EST. NO.

CHLORINE BLEACH
KEEP OUT OF REACH OF CHILDREN

FIRE

NON-FLAMMABLE, EXTINGUISHING MEDIA: Use media suitable for surrounding fire. Keep material cool by using a water spray.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protection clothing. Avoid body contact and inhalation of fumes.

FIRE AND EXPLOSION HAZARDS: Reacts vigorously with oxidizable materials. Will react with some metals which may release oxygen. Many reactions can cause fire and explosion. Toxic fumes can be liberated by heat.

FIRST AID

**** STATEMENT OF 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. Remove contaminated clothing. Call physician.

INHALATION: Remove to fresh air and call physician.

INGESTION: If swallowed, drink large quantities of milk or gelatin solution; if these are not available drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Call physician immediately.

SPILL/LEAK

Toxic to fish and aquatic organisms. Do not discharge effluent into lakes, streams or public waters unless with an NPDES permit. Do not discharge effluent to sewer without first notifying authorities. For guidance contact State Water Board or Regional EPA. If accidentally spilled, rinse immediately with plenty of water. Do not transfer contents to any metal container for storage.

DANGER

AFTER THIS CONTAINER HAS BEEN EMPTIED IT MAY CONTAIN EXPLOSIVE OR HARMFUL VAPORS AND RESIDUE. KEEP AWAY FROM HEAT, SPARKS, AND FLAMES! DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR THIS CONTAINER. DO NOT REUSE CONTAINER FOR ANY PURPOSE UNTIL COMMERCIALLY CLEANED.

Distributed by:

Aries Chemical

P.O. Box 519, Depot St., Beaver Falls, NY 13305

Tel: 315-346-1489 FAX: 315-346-1658

NOV 23 1999

Reg. No. 72493-1

HEALTH	3	REACTIVITY	2
FIRE	0	SPECIAL	F

FOR INDUSTRIAL USE ONLY
IN CASE OF EMERGENCY
CALL CHEMTREC 1-800-424-9300

ARIES 0305

15% by volume, 12.5% by weight

15% Sodium Hypochlorite Solution

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55 GAL. NET

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CAS NO. 7681-52-9

SANITATION OF POROUS FOOD CONTACT SURFACES

Rinse Method: Prepare a 600 ppm solution by thoroughly mixing 6 oz. of this product with 10 gallons of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with the 600 ppm solution, maintaining contact for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

Immersion Method: Prepare a 600 ppm solution by thoroughly mixing, in an immersion tank, 6 oz. of this product with 10 gallons of water. Clean equipment in the normal manner. Immerse equipment in the 600 ppm solution for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water. Prior to using equipment, immerse all surfaces in a 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

Spray/Fog Method: *Preclean all surfaces after use. Prepare a 600 ppm* available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 6 oz. product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water.

SANITIZATION OF NON-POROUS, FOOD CONTACT SURFACES

Rinse Method: *A solution of 100 ppm available chlorine may be used in the sanitizing solution if* a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly *mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available* chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes. **Immersion Method:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly *mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a* sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a *suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm* residual. Do not rinse equipment with water after treatment. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes. **Flow Pressure Method:** Disassemble equipment and thoroughly clean after use. Assemble equipment in operating position prior to use. Prepare a volume of a 200 ppm available chlorine sanitizing *solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2* oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. **Clean-in-Place Method:** Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove cleaning solution from drain *valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains* less than 50 ppm available chlorine. **Spray/Fog Method:** Preclean all surfaces after use. Prepare a 200 ppm available chlorine sanitizing solution to control bacteria, mold or fungi and a 600 ppm solution to control bacteriophage. Prepare a 200 ppm solution of sufficient size by thoroughly *mixing the product in a ratio of 2 oz. product with 10 gallons of water. Prepare a 600 ppm by thoroughly mixing the product in a ratio of 6 oz. product with 10 gallons of water. Use spray or* fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces treated with a 600 ppm solution with a 200 ppm solution.

SPAS/HOT-TUBS: Apply 5 oz. of product per 1000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. To maintain the water, apply 5 oz. of product per 1000 gallons of water *over the surface to maintain a chlorine concentration of 5 ppm.* After each use, shock treat with 8 oz. of this product per 500 gallons of water to *control odor and algae. During extended periods of disuse, add 3 oz. of* product daily per 1000 gallons of water to maintain a 3 ppm chlorine concentration.

SWIMMING POOL WATER DISINFECTION: For a new pool or spring start-up, superchlorinate with 52 to 104 oz. of 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, 11 oz. of this product for each 10,000 gallons of water to yield an 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 52 to 104 oz. of 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 25 hours prior to discharge. WINTERIZING POOLS: While water is still clear & clean apply 3 oz. of product per 1000 gallons, while filter is running, to obtain a 3 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.

DANGER

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