

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

EPA REGISTRATION NO.

10897-24

DATE OF ISSUANCE

SEP 24

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Hasa Liquid Chlorinating  
Compound

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

HASA, Inc.  
23119 Drayton Street  
Santa Clarita, CA 91350

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 your Confidential Statement of Formula on EPA Form 8570-4 (a blank form is enclosed). Your Confidential Statement of Formula is acceptable in content but not in format since it was not submitted on a EPA Form 8570-4.

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

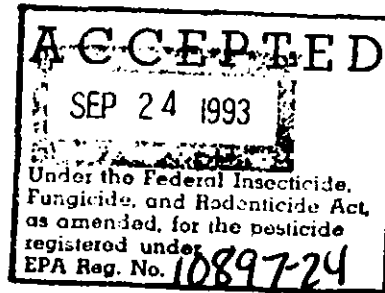
DATE

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  
Product Manager 32  
Antimicrobial Program Branch  
Registration Division (H-7504C)

Enclosures



HASA

HASA Liquid Chlorinating Compound

Chlorinating Liquid for Pool and Spa Sanitization

Active Ingredient: Sodium Hypochlorite.....	10.0%
Inert Ingredients.....	90.0%
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF IN EYES: Rinse with water, remove contact lenses (if applicable), and flood eyes with water for 15 minutes. Get prompt medical attention.

IF SWALLOWED: Drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

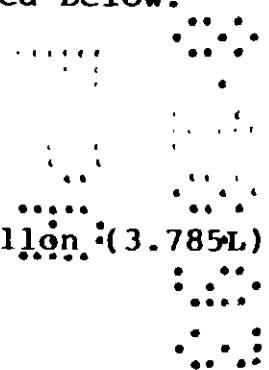
IF ON SKIN: Wash with plenty of soap and water.

See additional precautions and directions for use on back panel.

BEST AVAILABLE COPY

EPA Reg. No. 10897-24  
 Manufactured and Packaged at the Establishment Checked Below.  
 EPA Est. No. 10897-CA-1 \_\_\_\_\_  
 EPA Est. No. 10897-AZ-1 \_\_\_\_\_

Manufactured and Packaged by HASA, Inc.  
 Santa Clarita, California Eloy, Arizona Net: 1 Gallon (3.785L)



**DIRECTIONS FOR USE**

It is a violation of Federal Law to use HASA LIQUID CHLORINATING COMPOUND in a manner inconsistent with its labeling. Note: HASA LIQUID CHLORINATING COMPOUND degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

**SWIMMING POOL DISINFECTION**

**NEW POOLS AND SPRING START-UP:** For a new pool or spring start-up, super-chlorinate with 65 to 130 ounces (2 quarts 1 ounce to 1 gallon 2 ounces) of HASA LIQUID CHLORINATING COMPOUND for each 10,000 gallons of water to yield 5 - 10 ppm available chlorine by weight.

**TESTING:** Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 - 7.8. Adjust and maintain the alkalinity of the pool to between 50 - 100 ppm.

**MAINTENANCE:** To maintain the pool, add manually or by a feeder device 13 ounces of HASA LIQUID CHLORINATING COMPOUND for each 10,000 gallons of water to yield an available chlorine residual between 0.6 - 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 - 1.5 ppm available chlorine.

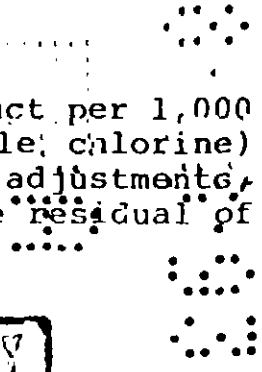
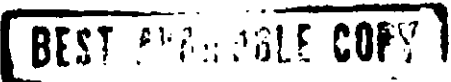
**SUPERCHLORINATION:** Every 7 days, or as necessary, superchlorinate the pool with 65 to 130 ounces (2 quarts 1 ounce to 1 gallon 2 ounces) of HASA LIQUID CHLORINATING COMPOUND for each 10,000 gallons of water to yield 5 - 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not re-enter pool until chlorine residual is between 1.0 - 3.0 ppm.

**DRAINING POOL:** When water is to be drained from the pool, available chlorine must be allowed to dissipate from treated water before discharge. Do not chlorinate water 24 hours prior to discharge.

**WINTERIZING:** While water is still clear and clean, apply 4 ounces of product per 1,000 gallons of pool water while filter and pump are running to obtain a 3.0 ppm chlorine residual as determined by a suitable test kit. Cover pool. Turn off heater and pump, and prepare them and associated components for winter following manufacturer's instructions.

**SPA DISINFECTION**

**NEW SPAS AND START UP:** Apply 13 ounces of product per 1,000 gallons of water (equivalent to 10.0 ppm available chlorine) uniformly over the surface of the water. Make minor adjustments, as necessary, to establish a free available chlorine residual of



10.0 ppm.

**MAINTENANCE:** Apply 6½ ounces of product per 1,000 gallons of water to maintain a free available chlorine residual of 5.0 ppm as determined by a suitable test kit. Adjust and maintain pool water pH to 7.2 - 7.8. Note: Some oils, lotions, fragrances, cleaners, etc. may cause foaming and/or cloudy water. Maintain available chlorine during periods when spa is not in use at 3.0 ppm by adding 4 ounces of HASA LIQUID CHLORINATING COMPOUND per 1,000 gallons when available chlorine level falls below 3.0 ppm.

**STORAGE AND DISPOSAL**

Keep HASA LIQUID CHLORINATING COMPOUND in a tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from direct sunlight, open flame, and heat. In case of spill or decomposition, isolate container (if possible) and flood area with large quantities of water. HASA LIQUID CHLORINATING COMPOUND which cannot be used in the pool or spa should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal, or cleaning of equipment. Return tightly closed container and carrier to dealer/distributor for deposit refund.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

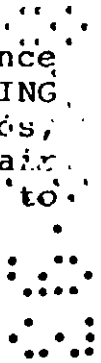
**DANGER: CORROSIVE.** May cause severe skin and eye irritation or chemical burns to broken skin. Cause eye damage. Wear safety glasses or goggles and rubber gloves when handling HASA LIQUID CHLORINATING COMPOUND. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**Environmental Hazards**

Sodium hypochlorite is toxic to fish and aquatic organisms. Do not discharge effluent containing HASA LIQUID CHLORINATING COMPOUND into lakes, streams, ponds, estuaries, oceans, or public waters unless the product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing HASA LIQUID CHLORINATING COMPOUND 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 and Chemical Hazards**

**STRONG OXIDIZING AGENT:** Mix only with water in accordance with label directions. Mixing HASA LIQUID CHLORINATING COMPOUND with other chemicals, e.g., ammonia, acids, detergents, etc. or organic matter, e.g., feces, urine, hair oil, etc., will release chlorine gas which is irritating to eyes, lungs, and mucous membranes.



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**ACCEPTED**  
 SEP 24 1993  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10897-24

HASA

**HASA Liquid Chlorinating Compound**

Chlorinating Liquid for Pool and Spa Sanitization

Active Ingredient: Sodium Hypochlorite.....10.0%  
 Inert Ingredients.....90.0%  
 Total.....100.0%

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HASA Liquid Chlorinating Compound - EPA Reg. No. 10897-24

Page

Insert following paragraph in place of "ENVIRONMENTAL HAZARDS" on page 3

#### ENVIRONMENTAL HAZARDS

Sodium Hypochlorite is toxic to fish and aquatic organisms. 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."