

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
229483

Application for Pesticide - Section I

1. Company/Product Number 47371-146	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) HS-420 10% Water Treatment Microbicide	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) H&S Chemicals Division 970 East Tipton Street Huntington, Indiana 46750 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION in response to PR Notice 93-10 / Effluent Discharge Labeling Statement

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Sally Hayes	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) (219) 356-8100
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Sally Hayes</i>	3. Title Manager, Regulatory Affairs	
4. Typed Name Sally Hayes	5. Date September 20, 1995	

# HS-420 (10%)

## WATER TREATMENT MICROBICIDE

### Water Treatment Microbicide for Building and Industrial Cooling Towers and Oil Field Water Flood of Salt Water Disposal Systems

#### DIRECTIONS FOR USE

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

#### GENERAL USE DIRECTIONS

To control algae and bacterial slimes, use as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use, follow this procedure:

#### Recirculating Cooling Towers

1. Initially use 30 fluid ounces per 1,000 gallons of water to be treated (20 ppm active quaternary). Should the above dosage not give satisfactory results, use 45 fluid ounces per 1,000 gallons of water. Repeat initial dose every seven days or increase the frequency if needed.
2. When the above treatment level is successful, use 25 to 30 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage.

Cooling tower waters are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages; slug fed every seven days. Dilute the appropriate amount in 1 or 2 gallons of water, then add to the tower. Should tower be heavily fouled, a precleaning is required. Oil Field Water Flood or Salt Water Disposal Systems: (Do not apply in Marine and Estuarine Oil Fields).

1. For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10 ppm (active) (7 1/2-15 gallons per 3,000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
2. For intermittent use, dose at a rate of 5-20 ppm (active) (7 1/2-15 gallons per 3,000 barrels of water) for 3-8 hours per day, one to four times a week as needed to maintain control.

Add directly from the drum with the proper type of metering equipment.

For use in federally inspected meat and poultry plants. Cooling and retort water treatment compound. May be added to water to cook and cool containers of meat and poultry products to prevent staining of containers and to control corrosion and deposit formation on surfaces of processing equipment. Use 5-20 ppm active quat.

Will control algae and bacterial slimes found in recirculating cooling tower waters. Helps clean and loosen slime debris from cooling system surfaces. When used in slug doses, no other microbicide is required. Formulated to provide control of growth of algae and slime in recirculating water cooling systems and evaporative condensers. It is excellent for use in cooling water for thermal processing and pasteurizing operations in dairies, breweries, soft drink and food canning plants.

Economical to use because it is concentrated. It should be handled with care.

**ACTIVE INGREDIENT:**  
Didecyl dimethyl ammonium chloride . . . . . 10%  
**INERT INGREDIENTS:** . . . . . 90%

## KEEP OUT OF REACH OF CHILDREN DANGER

(See side panel for additional precautionary and practical treatment statements.)

EPA Reg. No. 47371-146  
EPA Est. No. 47371-IN-01

NET CONTENTS \_\_\_\_\_

H&S CHEMICALS DIVISION  
970 EAST TIPTON STREET HUNTINGTON, IN 46750  
(219) 356-7073

#### STATEMENT OF PRACTICE

In case of contact, immediately flush with water for at least 15 minutes. For large quantities of product, consult a physician.

#### NOTE TO PHYSICIAN: P

use of gastric lavage.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS DANGER

**CORROSIVE:** Causes eye irritation. Wash contaminated skin. Wash contaminated clothing with soap and water. Use eye shield and rubber gloves when handling. Avoid contact with skin and eyes. If swallowed, avoid contact with food and drink.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic life. Do not discharge product into lakes, streams, rivers, or other bodies of water, in accordance with the requirements of the National Pollution Discharge Elimination System (NPDES). Notify the appropriate local, state, or Federal authority in writing prior to discharge of this product to sewer system or treatment plant authority. For more information, contact the Regional Office of the EPA. **PHYSICAL AND CHEMICAL HAZARDS:** This formula is cationic. Do not use or store near heat or open flame.

#### STORAGE

Keep product under locked conditions. Do not contaminate water, food, or feed. Dumping is prohibited. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. If they cannot be disposed of according to your State Pesticide or Environmental Protection Agency representative at the time of disposal, use triple rinse (or equivalent). **CONTAINER DISPOSAL:** Triple rinse (or equivalent). **PLASTIC CONTAINERS:** Triple rinse (or equivalent). **FIBER DRUMS WITH LINERS:** Completely empty liner by triple rinsing and removing clinging particles. Empty remaining liner in a sanitary landfill approved by state and local authorities. If drum is contaminated, dispose in same manner. **METAL CONTAINERS:** Triple rinse (or equivalent). **WASTE DISPOSAL:** Triple rinse (or equivalent). puncture and dispose of in a sanitary landfill approved by state and local authorities.