

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER 5736-86	DATE OF ISSUANCE JAN 16 1990
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Blatt-18 (bathroom disinfectant)	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

[Redacted]
 CIVIL SERVICE CENTER
 5th & Walnut Street
 Cincinnati, OH 45202

But mailed to Shomake OH

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 compliant with registration requirements in accordance with FIFRA sec. 3(e)(7)(A) provided that you:

- Submit and/or file all data required for registration/reregistration of your product under FIFRA sec. 3(e)(5) when the Agency requires all registration data for products of this type.
- Label the product in accordance with the following instructions:
 - add the phrase "EPA Registration No. 5736-86."
 - delete:
 - only for sale to, use and storage by service people.
 - delete: Measure against circulatory shock respiratory depression and convulsions may be needed.
 - delete: Milk.
 - delete: the label: ...

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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- f. Add a referral statement to the center panel:

See side panel for additional precautionary statements.

- g. The heading: Statement of Practical Treatment should be placed directly before the sentence:

In case of contact, immediately flush eyes or skin

- h. Add the statement: to the Directions for Use:

Prepare a fresh solution daily or when use solution becomes diluted or soiled.

- i. Add to the precautionary statement section:

Wash thoroughly with soap and water after handling.

- j. Note: that two 4.175% were declared in the ingredient section. To avoid confusion, one of them were deleted.


- k. Refer to PR Notice 83-3 for acceptable "Pesticide Disposal" statements for the larger size containers you propose to market: (all containers greater than 1 gallon).

3. Make the following revisions to the technical Bulletin:

- a. Refer to item 2c, 2d, 2h, 2i, 2k.

4. 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 label is enclosed for your records.

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

HLC-18

QUATERNARY GERMICIDAL CLEANER

Product No.



WHERE THE ACCENT IS ON QUALITY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 16 1990

Under the...
EPA...
5736-86

EPA Registration No. 5736

EPA EST No. 5736-CAI-NJI-OHI-TXI

PRODUCT NO. 02388

Precautionary Statements
Hazards to Humans and Domestic Animals.
KEEP OUT OF THE REACH OF CHILDREN.
DANGER

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal
- Open dumping is prohibited.
- Do not reuse empty container.

PESTICIDE DISPOSAL — Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

HLC-18 Germicidal Cleaner is a one step disinfectant and fungicide designed for use in hospitals, nursing homes, schools, hotels and other institutions. At proper use dilutions, it will disinfect hard non porous surfaces and deodorize areas where malodors may develop. It is effective in hard water up to 400ppm hardness in the presence of organic soil.

ACTIVE INGREDIENT:

Didecyl Dimethyl Ammonium Chloride... 4.175

INERT INGREDIENTS... 95.825

All Surfactants Used in This Product Are Biodegradable.
Net Contents shown elsewhere on container.
If frozen, thaw and mix to make usable.
THIS PRODUCT DOES NOT CONTAIN PHOSPHORUS.

KEEP OUT OF REACH OF CHILDREN
DANGER

Statement of Practical Treatment:

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

• ONLY FOR SALE TO,

USE AND STORAGE BY SERVICE PERSONS

DUBOIS CHEMICALS, INC. • CINCINNATI, OHIO 45202

IN CONTINENTAL U.S.A. / DUCARE CUSTOMER SERVICE 1-800-543-4908 (9 a.m. - 4 p.m. EST, MONDAY-FRIDAY)
IN CONTINENTAL U.S.A. / 24-HOUR MESSAGE CENTER: 1-800-4 DUBOIS (TO CONTACT YOUR REPRESENTATIVE)

DIRECTION

It is a violation of the...
its labeling.

GENERAL PURPOSE
deodorize hard...
clean surface w...
gallon) solution...
thoroughly. All...
followed by a wa...
FOR DISINFECTION
Thoroughly precl...
filth or heavy s...
HLC-18 Germicida
per gallon) for...
such as floors, ...
and carts. Allow...
by a water rinse...
FOR RESTROOMS AND
ounces per gallon...
disinfecting floo...
other hard nonpor...
locker rooms, and...
contact time foll...
FOR FUNGICIDAL CO
Surfaces against...
(2 1/2 fluid ounce...
Germicidal Clean...
Allow a 10 minute...
rinse.

for one step disinfecting, deodorizing, and cleaning of floors, walls, ceilings, and other hard non-porous surfaces. HLC-18 is a clear, straw colored liquid which has a mild lemon scent. It is a versatile concentrate and can be used to handle many diverse jobs depending upon the dilution chosen.

HLC-18 is an effective germicidal cleaner designed for ~~health~~ industrial and institutional cleaning. When used as directed, HLC-18 will disinfect hard non-porous surfaces, such as floors, walls, countertops, and furniture. It may be relied upon to deodorize bathroom areas, garbage pails, food storage areas, kennel areas, locker rooms and gymnasiums where obnoxious odors may develop. This product may be used as a general purpose disinfectant-fungicidal detergent in hotels, schools, restaurants, hospitals, nursing homes, public rooms, and in other places where efficient cleaning and anti-microbial action is required.

<u>PROPERTIES:</u>	BIODEGRADABLE	Yes, all surfactants
	pH (1% Solution)	10.6-11.6
	FOAM	Moderate
	WETTING & EMULSIFICATION	Rapid
	PHOS. CONTENT	None
	RINSING	Excellent
	2 LIQUID OUNCES/GALLON WATER	650 ppm Quaternary

ACCEPTED
With COMMENTS
to EPA Letter Dated:

JAN 16 1990

Under the authority of the
EPA Administrator
10/1/89

5736-86

RECOMMENDED USING PROCEDURES:

To disinfect walls, floors, furniture and other hard non-porous surfaces in hospitals, nursing homes, and institutions, mop or brush surfaces to be treated with a solution containing 2 ounces of HLC-18 per gallon of water. Those surfaces that are heavily soiled with blood, fecal material or exudates should be thoroughly scrubbed with a solution containing 2 ounces per gallon of water and then rinsed with a fresh solution containing 2 ounces per gallon of water for disinfection. Allow a contact time of 10 minutes. Do not mix with soap or anionic detergents. Surfaces with food contact must be rinsed with potable water. For disinfecting against pathogenic fungi, a concentration of 2 1/2 ounces per gallon of water (1:51) should be used.

DEODORIZATION:

To deodorize surfaces during cleaning, mop or brush surfaces with a solution containing 2 ounces of HLC-18 per gallon water.

METAL SAFETY:

Safe on stainless steel, iron, glass, copper, plastic, enamel paints, epoxy paints, vinyl and rubber floor tiles. Avoid prolonged soaking of aluminum, brass and galvanize to avoid tarnishing or change in appearance.

(please continue)

DUBOIS CHEMICALS, A DIVISION OF CHEMED CORPORATION

GENERAL OFFICES: DuBOIS TOWER • CINCINNATI, OHIO 45202 • PHONE: (513) 762-6000

Seller makes no warranty expressed or implied, concerning the use of this product other than indicated on the label.
Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

DANGER!

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

Statement of Practical Treatment:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN:

Probably mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.

PACKAGING:

5 gallon pail (18.9 liters) - 43 lbs. (19.6 kg) net weight.

4 - 1 gallon jug/case (3.8 liters/jug) - 35 lbs. (15.9 kg) net weight.

30 gallon drum (113.4 liters) 261 lbs (118.6 kg) net weight.

55 gallon drum (207.9 liters) 484 lbs (220 kg) net weight.

Rinse container and discard.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal
- Open dumping is prohibited.
- Do not reuse empty container.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

ACCEPTED WITH COMMENTS In EPA Letter Dated:

JAN 16 1990

Under the Pesticide Fund, the U.S. Department of Agriculture registers pesticides.

5736-86

BEST AVAILABLE COPY