

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

EPA REGISTRATION NO.

47371-141

DATE OF ISSUANCE

JUN 30 1987

TERM OF ISSUANCE

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

NAME OF PESTICIDE PRODUCT

Formulation HH-652 Q

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

H&S Chemicals Division  
970 East Tipton Street  
Huntington, IN 46750

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 accordance with FIFRA section 3(c)(7)(A) provided that you:

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

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

a. Revise the statement:

Causes eye damage and severe skin irritation

to read:

Causes eye and skin damage.

b. Delete the statement:

Only for sale to, use and storage by servicepersons.

c. Note: The Newcastle's disease virus has been deleted from the label. The Agency has no data to support this claim.

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

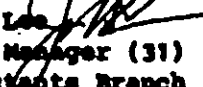
SIGNATURE OF APPROVING OFFICIAL

DATE

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If 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.

John H. Lee   
Product Manager (31)  
Disinfectants Branch  
Registration Division (78-767C)

Enclosures

BEST AVAILABLE COPY

For use on B.A. Ammonia, hospitals, nursing homes, schools, colleges, medical dental offices, shoe stores, etc. Use according to label directions. Formulation HH-652Q is a concentrated, multi-purpose germicide detergent effective in the presence of mineral matter such as grease, detergents, etc. in the case of a mop.

According to current AOAC Use Dilution test methods Formulation HH-652Q is effective against the following pathogenic organisms at a 1:256 dilution in the presence of 5% organic matter (Total Solids 1000 ppm) and 400 ppm water hardness (Calcium as CaCl<sub>2</sub>):

Pseudomonas aeruginosa	E. coli	Salmonella choleraesuis	Staphylococcus aureus	Escherichia coli
Staphylococcus aureus	Shigella flexneri	Serratia marcescens	Staphylococcus epidermidis	Klebsiella pneumoniae
Staphylococcus aureus phage 8 (T8)	Staphylococcus aureus	Staphylococcus aureus	Staphylococcus aureus	Staphylococcus aureus

According to the current AOAC Ungicidal test method Formulation HH-652Q is effective against the following pathogenic organisms at a 1:256 dilution in the presence of 5% organic matter (Total Solids 1000 ppm) and 400 ppm water hardness (Calcium as CaCl<sub>2</sub>):

Candida albicans	Aspergillus niger	Aspergillus fumigatus	Aspergillus terreus	Aspergillus nidulans
Aspergillus nidulans	Aspergillus nidulans	Aspergillus nidulans	Aspergillus nidulans	Aspergillus nidulans

Formulation HH-652Q is virucidal against the following pathogenic organisms at a 1:256 dilution in the presence of 5% organic matter (Total Solids 1000 ppm) and 400 ppm water hardness (Calcium as CaCl<sub>2</sub>):

- Bovine rhinotracheitis virus
- Rotavirus
- Avian infectious bronchitis virus
- Herpes simplex type 2
- Influenza Type 2 & Type 4
- Bovine Coronavirus
- Vaccinia
- Influenza A/MICH
- Herpes simplex Type I
- Avian Influenza A/MICH

DILUTION: 1 to 256

1 TABLESPOON OF 1/2 OZ. PER GALLON OF WATER

**DIRECTIONS FOR USE**

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

**MILDEWSTATIC INSTRUCTIONS**

Formulation HH-652Q will effectively inhibit the growth mold and mildew plus the odors caused by them when applied to hard, non-porous inanimate environmental surfaces such as walls, floors and tabletops. Solution (1 TABLESPOON per gallon of warm water) with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application weekly or when growth reappears.

**APPLICATION:** Use 1/2 ounce per gallon of water for a minimum contact time of 10 minutes in a single application. For disinfecting, remove gross filth and heavy soil then thoroughly wet surfaces. Extremely versatile and can be applied with a mop, sponge, or cloth as well as soaking. The recommended use solution is used once and then discarded. Prepare a fresh solution daily or when used solution becomes visibly dirty. Uses: Floors, walls, metal surfaces, glass, chrome, painted surfaces, exterior building surfaces, etc.

**Non-Wax Floors** — clean floors bright with virtually no fliming or dulling the gloss. And (1 TABLESPOON of Formulation HH-652Q) to 1/2 pint (1 gal.) warm water, wash floor with sponge or mop and rinse.

**Waxed Floors** — use same as above, usually not necessary to rinse.

**Bathroom/Kitchen** — porcelain, sinks, toilet bowls, bathtubs, refrigerator, appliances, countertops, painted woodwork, and walls, just add (1 TABLESPOON) 1 gallon warm water and rinse. Apply with cloth or sponge making sure to wet all surfaces thoroughly. For heavily soiled areas, a pre-cleaning step is recommended. Prepare a fresh solution for each use.

**ACTIVE INGREDIENTS:**  
 n-Alkyl (C12 50%, C12 40%, C16 10%) dimethyl benzy ammonium chloride..... 6.25%  
 Dodecyl dimethyl ammonium chloride..... 2.25%  
**INERT INGREDIENTS**..... 84%

**KEEP OUT OF REACH OF CHILDREN.  
 DANGER  
 ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.**

**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 immediately. If swallowed, drink promptly a large quantity of water. Call a physician immediately.  
**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER:**  
**CORROSIVE:** Causes eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Wash contaminated clothing before reuse. Avoid contamination of food, water, or feed. To protect eyes, wear goggles or face shield and to protect skin, wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful if swallowed.

**STORAGE AND DISPOSAL**

**PROHIBITIONS**  
 Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.  
**PESTICIDE DISPOSAL**  
 Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.  
**CONTAINER DISPOSAL**  
**PLASTIC 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, by burning if burned, stay out of smoke.  
**FIBER DRUMS WITH LINERS:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.  
**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.

**GENERAL**  
 Consult federal, state or local authorities for approved alternative procedures such as limited open burning  
 EPA REG. NO 47371-141 EPA EST. NO 47371-21-01

H&S Chemicals Division  
 970 EAST TIPTON HUNTINGTON, IN 46750 219/356-8100

ACCEPTED  
 with COMMENTS  
 EPA Letter Dated:  
 JUN 30 1987  
 47371-141

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