

PM 31

47371-8

1 of 2

MAR 13 1989

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

Attention: Dick Sheets

Gentlemen:

Subject: Formulation HS-256Q  
EPA Registration No. 47371-8  
Your Submission Dated February 26, 1988  
EPA Received Date March 8, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,

John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (TS-767C)

Enclosure

50369:I:Leavy:L-5:KENCO:1/31/89:3/14/89:rw:VO:aw

CONCURRENCES

SYMBOL								
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DATE								

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an effective, multi-purpose disinfectant. Sepsitycitol, Pseudomonacidal, Bactericidal, Fungicidal, and Virucidal against many lipophilic viruses such as Herpesvirus Type I, Adenovirus Type 3, influenza A/73 (Victoria), and Vaccinia on non-porous surfaces. An effective sanitizer for use on food contact surfaces. It also fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1965 recommendation of the U.S. Public Health Service in hard waters up to 250 ppm hardness (calculated as CaCO<sub>3</sub>)

DISINFECTANT: 1.25% SANITIZER 1.76%

**DIRECTIONS FOR USE** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

**GENERAL USE DIRECTIONS FOR DISINFECTING:** For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross dirt and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use 1/2 ounce per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

**TO CONTROL MOLD & MILDEW:** To control mold & mildew on hard non-porous surfaces which visible soil from the surface, then apply 75 cc per gallon solution with a mop, sponge, cloth or mechanical sprayer. Be sure to wet all surfaces thoroughly. Let air dry. Repeat application every 7 days to control recurrence of growth.

**Milk, Citrus and Ice Cream Processing Plants:** Applied routinely as a disinfectant on walls and floors will reduce or eliminate odors in the processing area. Use on filling equipment to reduce or eliminate bacteria associated with condensation on equipment and pipes.

**FOR SANITIZING:** For use on hard non-porous surfaces such as chopping blocks, counter tops, eating utensils, and drinking glasses. For heavily soiled areas a pre-cleaning is recommended and required. Then use 1/2 ounce per 3 gallons of water for a minimum contact time of 1 minute in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Do not rinse.

Before use as a sanitizer in federally inspected meat and poultry plants and dairies, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

**Restaurant and Bar Use:** For use as a sanitizer on dishes, glassware, silverware, cooking utensils, wash with detergent, rinse thoroughly and immerse in a solution (1/2 ounce per 3 gallons of water) for at least 1 minute. Do not rinse.

**MILK, CITRUS & ICE CREAM PROCESSING PLANTS:** For use as a sanitizer on conveyor equipment to reduce or eliminate odors in the processing area. Also, for use on filling equipment to reduce bacteria associated with condensation on equipment & pipes.

# FORMULATION HS-256Q Germicidal Detergent

<b>ACTIVE INGREDIENTS:</b>	
n-Alkyl (C14 60%, C16 30%, C18 5%, C12 5%) dimethyl benzyl ammonium chloride	87.5%
n-Alkyl (C12 68%, C14 32%) dimethyl ethylbenzyl ammonium chloride	8.75%
<b>INERT INGREDIENTS</b>	<b>86.50%</b>
<b>Total</b>	<b>100.00%</b>

**DANGER: KEEP OUT OF REACH OF CHILDREN.**

(See right panel for additional precautionary and practical treatment statements)

**NET CONTENTS**

EPA REG. NO. 47371-8 EPA EST. NO. 47371-IN-01

HSB Chemicals Division • 670 E. Tipton St. • 210-358-8100

<b>* BACTERICIDAL AGAINST</b>	<b>MOLD &amp; MILDEWICIDAL AGAINST</b>
<i>Pseudomonas aeruginosa</i>	<i>Trichophyton interdigitale</i>
<i>Staphylococcus aureus</i>	<i>Aspergillus terreus</i>
<i>Diphtheria escherichiae</i>	<i>Geotrichum candidum</i>
<i>Staphylococcus phageo</i>	<i>Paecilomyces variotii</i>
<i>Serpulinae proteus</i>	<i>Phytophthora infestans</i>
<i>Xanthomonas axonopodis</i>	<i>Thielaviopsis basicola</i>
<i>Enterobacter cloacae</i>	
<i>Aeromonas hydrophila</i>	
<i>Escherichia coli</i>	
<i>Salmonella typhimurium</i>	
<i>Shigella flexneri</i>	
<i>Yersinia enterocolitica</i>	

**STATEMENT OF PRACTICAL USE:** If in eyes, flush with plenty of water. If in skin, wash with plenty of water. If swallowed, drink promptly a large glass of water. Avoid alcohol. Get medical attention. **NOTE TO PHYSICIAN:** Probable irritate the use of gastric lavage, shock, respiratory depression needed.

**PRECAUTIONARY STATEMENT - HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

**DANGER: CORROSIVE.** Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and gloves when handling. Wash thoroughly after handling. Remove contaminated clothing before reuse.

**STORAGE AND DISPOSAL:**

This product must be kept out of reach of children. Do not dump or discharge into water.

Do not combine with other products. Do not mix with other products. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. Do not allow to enter waterways, streams, rivers, or other bodies of water. Do not allow to enter sewers or other municipal waste disposal systems. Follow all instructions on label. For more information, contact your local environmental control agency, or write to the nearest EPA Regional Office.

**CONTAINER DISPOSAL - PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then recycle, if possible, in accordance with applicable federal, state, and local laws. If recycling is not available, do not burn or incinerate. Do not reuse.

**FIBER DRUMS WITH LINERS:** Completely empty liner by shaking to loosen clinging particles. Empty. Then dispose of liner in a manner approved by state and local authorities. Do not reuse, recycle, or burn.

**METAL CONTAINERS:** Triple rinse (or equivalent). Then recycle, if possible, in accordance with applicable federal, state, and local laws. Do not reuse, recycle, or burn.

**GENERAL:** Consult federal, state, or local authorities for special handling procedures such as listed above.

ACCEPTED with COMMENTS in EPA Letter Dated:

MAR 13 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

47371-8