

Formulation HS-64Q is an excellent multi-purpose germicide formulation that disinfects, and deodorizes. HS-64Q is designed for institutional use such as hospitals and nursing homes, schools and colleges, medical and dental offices, veterinary clinics, and USDA federally inspected meat and poultry plants.

**A.O.A.C. Use-Dilution Confirmation Test**  
Kills *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa* ..... 1 to 64

**A.O.A.C. Fungicidal Test**  
Kills *Trichophyton interdigitale* ..... 1 to 64

**DILUTION: 1:64** (two ounces per gallon)

**DIRECTIONS FOR USE**

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

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits. Pre-clean all surfaces prior to disinfection. Thoroughly wet all surfaces. Use 2 ounces 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 soaking or spraying. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

For use in USDA federally inspected meat and poultry plants as a floor and wall cleaner in all departments. Before use of this compound, food products and packaging materials must be removed from the room or carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water.

# FORMULATION HS-64Q

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)  
dimethyl benzyl ammonium chlorides ..... 1.6%  
n-Alkyl (50% C12, 30% C14, 17% C16, 3% C18)  
dimethyl ethylbenzyl ammonium chlorides ..... 1.8%  
**INERT INGREDIENTS:** ..... 96.8%

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

(see right panel for additional precautionary & practical treatment statements)

H&S CHEMICALS DIVISION  
EPA REG. NO. 47371-2 EPA EST. NO. 47371-IN-01  
970 East Tipton, Huntington, IN 46750 (219) 356-8100

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

BEST BY \_\_\_\_\_

ACCEPTED  
with COMMENTS  
In EPA Letter D-10-11

OCT 27 1963

The following information is provided for your information.  
For more information, please contact the Act  
or the Department of Health, Education and Welfare  
regarding the Act.  
47371-2

**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**

**CORROSIVE:** May cause eye irritation or eye damage. Causes skin irritation. Harmful if swallowed. 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.

**STORAGE AND DISPOSAL**

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

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

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if allowed by state and local authorities.

**GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

HS-4  
HUG 23 '63

2/10/83

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

Attention: Richard D. Sheets  
Nat'l. Distributor Sales Mgr.

Gentlemen:

Subject: Formulation HS-640  
EPA Registration No. 47371-2  
Application Dated August 16, 1982

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

- 1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Include a heading: (last paragraph - left panel).

General Use Directions for Cleaning

to appear directly above the statement:

For use in USDA Federally-inspected meat and poultry plants as a floor and wall cleaner...

- b. Include the recommended use dilution for the cleaning section (last paragraph left panel).
- c. Within the cleaning section (last paragraph - left panel) include the method of application e.g., cloth, mop, sponge.
- d. Delete the statement:

Rinsing is not necessary unless floors are to be waxed or polished.

Ref: As per USDA's recommendation.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

- e. We prefer the signal word: DANGER be placed directly beneath the statement: KEEP OUT OF REACH OF CHILDREN (center panel only).
- f. We prefer you place the statements:

Precautionary Statements  
Hazards to Humans and Domestic Animals

to appear at the top of the right panel. These statements are headings which group all the precautionary statements on the right panel.

- g. For the label size submitted, the STORAGE AND DISPOSAL heading would require a 12 point type size minimum.
- h. Include the following descriptor to appear directly below the product name (center panel)

CLEARED - DRODOPANT - DISINFECTANT

- i. The reference to AOAC Fungicidal Test/Kills T. interdigitale is an implied claim that this product could be used as a fungicide. Therefore adequate use directions must be provided.

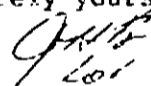
- Specific surfaces and areas should be included i.e., floors in locker rooms, shower/bath areas, dressing rooms.

2. 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.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



**BEST DOCUMENT AVAILABLE**

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

Enclosure

TS-767C:J.LEE:DCR-11950:WANG-0286E:gmm:Raven:479-2013:10/6/83

Formulation HS-64Q is an excellent multi-purpose germicide formulation that disinfects, and deodorizes. HS-64Q is designed for institutional use such as hospitals and nursing homes, schools and colleges, medical and dental offices, veterinary clinics and USDA federally inspected meat & poultry plants.

**A.O.A.C. Use-Dilution Confirmation Test:**

Kills *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa* 1 to 64

**A.O.A.C. Fungicidal Test**

Kills *Trichophyton interdigitale* 1 to 64

**DILUTION: 1:64 (two ounces per gallon)**

**DIRECTIONS FOR USE**

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

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits. Pre-clean all surfaces prior to disinfection. Thoroughly wet all surfaces. Use 2 ounces 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 soaking or spraying. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

For use in USDA federally inspected meat and poultry plants as a floor and wall cleaner in all departments. Before use of this compound, feed products and packaging materials must be removed from the room or carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water.

# FORMULATION HS-64Q

**ACTIVE INGREDIENTS:**

n-Alkyl (68% C14, 30% C16, 5% C12, 5% C18) 1.6%  
dimethyl benzyl ammonium chlorides  
n-Alkyl (50% C12, 30% C14, 17% C16, 3% C18) 1.6%  
dimethyl ethylbenzyl ammonium chlorides 96.8%  
**INERT INGREDIENTS:**

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

(see right panel for additional precautionary & practical treatment statements)

H&S CHEMICALS DIVISION  
EPA REG. NO 47371-2 EPA EST NO 47371-IN-01  
970 East Tipton, Huntington, IN 46750 (219) 356-8100

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

BEST BEFORE DATE \_\_\_\_\_

ACCEPTED  
with COMMENTS  
In 1974

001277-1

47371-2

**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.

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- Do not reuse empty container.

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**GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

MS 2

7.0791

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

27 DEC 1982

Attention: Richard D. Sheets  
Nat'l. Distributor Sales Mgr.

Gentlemen:

Subject: Formulation HS-64Q  
EPA Registration No. 47371-2  
Application Dated August 16, 1982

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b. Include the recommended use dilution for the cleaning section (last paragraph left panel).

c. Within the cleaning section (last paragraph - left panel) include the method of application e.g., cloth, mop, sponge.

d. Delete the statement:

Finishing is not necessary unless floors are to be waxed or polished.

Ref: As per USDA's recommendation.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

e. We prefer the signal word: DANGER be placed directly beneath the statement: KEEP OUT OF REACH OF CHILDREN (center panel only).

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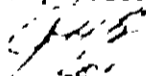
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John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

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