

ACCEPTED  
with COMMENTS  
In EPA Labeling

APR 03 1963

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, this pesticide  
registered under EPA Reg. No.  
5768-10

### Precautionary Statements

#### Hazards to Humans and domestic animals

### **DANGER**

Keep out of reach of children. Corrosive  
Causes eye damage and skin irritation  
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

PESTICIDE OR RINSATE THAT CANNOT BE USED OR  
CHEMICALLY REPROCESSED SHOULD BE DISPOSED  
OF IN A LANDFILL APPROVED FOR PESTICIDES OR  
BURIED IN A SAFE PLACE AWAY FROM WATER  
SUPPLIES

#### CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) AND DEPOSE IN AN  
INCINERATOR OR LANDFILL APPROVED FOR PESTI-  
CIDE CONTAINERS, OR BURY IN A SAFE PLACE

#### GENERAL

CONSULT FEDERAL STATE OR LOCAL OFFICIAL  
AUTHORITIES FOR APPROVED ALTERNATIVE DIS-  
POSURE PROCEDURES SUCH AS LIMITED OPEN BURNING

## Lemon Disinfectant - 804

#### Active Ingredients

Alkyl (C<sub>12</sub>, 50%; C<sub>11</sub>, 40%; C<sub>10</sub>, 10%) 2.5%

Dimethyl Benzyl Ammonium Chloride

#### Inert Ingredients

97.5%

100.0%

KEEP OUT OF REACH OF CHILDREN

### **DANGER**

#### 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. 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. Mea-  
sures against circulatory shock, respiratory  
depression, and convulsion may be needed

SEE LEFT PANEL FOR

ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836-58

EPA Establishment No.

5786 KSL

Net Contents

Manufactured By:

SUPPLIER CHEMICAL COMPANIES, INC.

BY MAIL ORDER FOR THE CONSUMER

Disinfectant Deodorizer  
for  
Hospital, Institutional,  
Industrial and School Use

Directions for Use  
GENERAL CLASSIFICATION

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

Apply Lemon Disinfectant with a cloth, mop or  
mechanical spray device. When applied with  
a mechanical spray device, when applied with  
a mechanical spray device, surface must be  
sprayed until thoroughly wetted. Treated sur-  
faces must remain wet for 15 minutes. Fresh  
solution should be prepared daily or when the  
use solution becomes visibly dirty.

PRECAUTIONS IN HOSPITALS, NURSING HOMES, AND  
OTHER CARE INSTITUTIONS

For disinfecting floors, walls, counter tops,  
bathtubs, lavatories, bedframes, tables,  
chairs, garbage pails and other hard non-  
porous surfaces.

Add one gallon Disinfectant to 1 gallon of  
water. Apply to previously cleaned hard  
surfaces with mop or cloth.

At the low-level, for disinfectant is effec-  
tive against many microorganisms.

BE CAREFUL TO KEEP THIS PRODUCT AWAY FROM  
CHILDREN, PETS, AND OTHER ANIMALS

For disinfecting floors, walls, counter tops,  
bathtubs, tables, chairs, garbage pails,  
bathtubs, tables, and other hard surfaces.

Add one gallon Disinfectant to 1 gallon of  
water. Apply to previously cleaned hard  
surfaces with mop or cloth.

At the low-level, for disinfectant is effec-  
tive against many microorganisms.

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BEST DOCUMENT AVAILABLE

Ark Hy-San is a heavy duty cleaner, disinfectant and sanitizer designed for use in food processing areas, kitchens, schools, motels and hospital applications where heavy duty cleaning is of prime importance. When used as directed, Ark Hy-San is formulated to clean and disinfect inanimate hard surfaces (such as walls, floors, sink tops, cutting boards, tables, chairs, etc.).

For larger areas, such as patient care facilities and food processing rooms, the product is designed to provide both heavy duty cleaning and disinfecting. Ark Hy-San is designed to aid in controlling the hazard of cross contamination in areas where heavy duty cleaning is necessary.

Disinfectant - at 4.5 ounces per gallon dilution, Ark Hy-San exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis, Staphylococcus aureus, and E. coli. At the level of 4.5 ounces per gallon Ark Hy-San is fungicidal against the pathogenic fungus, Trichophyton mentagrophytes.

At 6 ounces per gallon, Ark Hy-San is an effective hospital disinfectant and demonstrates disinfectant activity against Pseudomonas aeruginosa.

Efficacy tests have demonstrated that Ark Hy-San is an effective bactericide and fungicide in the presence of organic soil (5% blood soil).

**PRECAUTIONARY STATEMENTS: HAZARDOUS TO HUMAN AND DOMESTIC ANIMALS. WARNING: KEEP OUT OF REACH OF CHILDREN. CAUSES EYE AND SKIN IRRITATION. DO NOT GET IN EYES, SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED.**

#### 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. Remove and wash all contaminated clothing before re-use. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

#### STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED. DO NOT RE-USE EMPTY CONTAINER.

**PESTICIDE DISPOSAL** - Pesticides that cannot be used or chemically re-processed should be disposed of in a landfill approved for pesticide or buried in a safe place. Container disposal - triple rinse (or equivalent) and dispose of in an incinerator or landfill approved for pesticide containers or bury in a safe place.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

APR 12 1983

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

4169-12

Directions for Use:

General Classification

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

Prior to use of Ark Hy-San, remove all gross filth and dirt from surfaces to be treated. Prepare proper dilutions as described below and apply solutions using scrub brushes, scrubbing pads and spray systems.

General Cleaning

For heavily soiled areas a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

Sink Cleaning - Two Compartment

Mix 8 ounces of Ark Hy-San with 5 gallons of hot water in the first compartment, (200 ppm). Immerse all utensils that are to be cleaned in the sink. After soaking in the first compartment, sanitize all utensils in the second compartment in a solution of 8 ounces of Ark Hy-San with 5 gallons of hot water. Remove all items and allow to air dry.

Sanitization

To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary Ark Hy-San solution by adding 8 ounces of Ark Hy-San to 5 gallons of water. At this level no potable water rinse is required.

To Sanitize Immobile Items (such as tanks, chopping blocks, counter tops).

Flood the area with 200 ppm Ark Hy-San solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To Sanitize Mobile Items (such as drinking glasses, eating utensils)

Immerse in a 200 ppm Ark Hy-San solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

Mold and Mildew Stat

Ark Hy-San prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 2 ounces per gallon dilution.

Ark Hy-San is an effective sanitizer when diluted in water up to 500 ppm hardness (CA CO<sub>3</sub>).

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION/PH 4621 WASHINGTON, D.C. 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREgisTRATION <i>(Under the Federal Insecticide, Fungicide          and Rodenticide Act, as amended.)</i>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	12 APR 1983
	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
<p><input type="checkbox"/> _____ <input type="checkbox"/></p> <p><input type="checkbox"/> _____ <input type="checkbox"/></p>		
<p><b>NOTE:</b> 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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

with soap, cloth, sponge or mechanical applicator to be  
to wet and scrub thoroughly. Allow to remain wet  
for 10 minutes and then let air dry.

and

MILDEWSTAT - To control mold and mildew on hard  
nonporous surfaces (such as floor, walls, table  
tops), clean surfaces then add 4.0 ounces of 1.0 per  
ounce of water. Apply with a cloth, mop or sponge  
to surfaces to be treated, making sure to wet  
thoroughly. Let air dry. Prepare a fresh solution  
for each use. Repeat application at weekly  
intervals or when mold growth reappears.

- d. The dilution for use of a Mildewstat should be 4.0 oz/gal, not 2  
oz/gal. Correct "Mildewstat" to Mildewstat. The recommendation  
for "cutting boards" (hard contact surface) should be in the  
direction for sanitization, not for disinfection.
- e. Revise your disposal statement to read:

#### STORAGE AND DISPOSAL

##### PROHIBITIONS

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR  
DISPOSAL. OPEN DUMPING IS PROHIBITED.

##### 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

For metal containers:

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

For plastic containers:

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.

The heading "STORAGE AND DISPOSAL" must be of the same  
type size as the child hazard warning statement.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-7 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 41 CFR 101.6(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 M. Lee*  
John M. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (42-1070)

Enclosures