

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 25 1989

Mr. [Name]  
 [Address]  
 [City, State, Zip]  
 [Phone Number]

Reference is made to your letter of [Date] regarding [Product Name].  
 The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) requires that all pesticides be registered with the EPA. The label for each pesticide must be submitted. If a year reference, the number in each column below corresponds to the number shown on the enclosed label.

- Under Inert ingredients, the statement "Includes 10% potassium citrate soap and 10% water", is to be deleted. (You cannot have a partial list of inert ingredients on the label.) If you want to list all the inert ingredients instead, you need to send us a new Confidential Statement of Formula, an Application for Pesticide Amendment (EPA Form 6070-1), and five copies of the proposed labeling.

In any case, we need an updated Confidential Statement of Formula; please fill out the enclosed form and send it to us. The old form is obsolete.

- Delete "REAL" from "DISINFECTS, DEODORIZES, AND CLEANS WITH REAL PINE OIL."

57244:I:A-27:Powell:K-15;KENCO:09/20/89:11/02/89:CT:vo:sw:ek:dj

		CONCURRENCES					
SYMBOL	K7504C						
SURNAME	U. Powell						
DATE	9-22-89						

3. Delete the two statements pertaining to the Phenol Coefficient. The submitted Phenol Coefficient data are unacceptable because these values are not meaningful and can be considered misleading. Only when the phenol coefficient of a product as claimed on the label, can be multiplied by the factor "20" to provide the effective disinfection of the product (as confirmed by the Disk Use Dilution method) will the phenol coefficient claims be permitted on the label. Refer to the attached DLS/TDS-0 enclosure, item (C).
4. To the statement, "avoid getting concentrate in eyes or on body," add "or on clothing."
5. To the PRECAUTIONARY STATEMENTS section, add the subheading, "Physical or Chemical Hazards," followed by, "Do not use or store near heat or open flame."

Sincerely yours,

Jeff Kemper  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7506C)

Enclosures

### FEATURES, CLAIMS, AND USES

At 3 fl oz/gal dilution, it kills *Salmonella choleraesuis*, a bacteria representative of others of intestinal origin, which are often found in bathrooms and waste storage and processing areas, and which are sources of illness and malodor. Also has a Phenol Coefficient of 3.9 against *Salmonella typhi* (typhosa) at 3 fl oz/gal dilution.

Kills many odor-causing bacteria often found in public and residential areas, industrial and institutional facilities, public transportation and waste storage and processing areas, and which are sources of malodors.

Cleans and disinfects/deodorizes the natural way. Contains NATURAL PINE OIL with no synthetic perfumes or dyes. Does not contain synthetic disinfecting agents such as "quats", "phenolics", "iodophors", "hypochlorites" or "formaldehyde donors". Leaves a clean, pleasant, fresh, natural pine fragrance.

Use first to clean, then to disinfect/deodorize non-porous surfaces in industrial and institutional facilities, home and residential areas, schools, public facilities, hotels, motels, theaters, offices, stores, factories, cars, trucks, busses, trains, planes, and ships. Use to clean and disinfect bathroom surfaces, fixtures and furniture such as toilets, urinals, bathtubs, shower stalls, sinks, cabinets, doors, railings, fixtures, partitions, woodwork, chairs, beds, floors, walls, and ceilings. This cleaning and disinfecting helps reduce unpleasant, bacteria caused putrefactive odors in these areas.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Harmful if swallowed. Avoid getting concentrate in eyes or on skin or on clothing. Avoid contamination of foods, drinking water, drinks, or feeds, or any surfaces or equipment that they may contact.

#### STATEMENTS OF PRACTICAL TREATMENT

**QUICKLY** follow directions below AND call a Poison Control Center, emergency department, or physician. Always get quick medical attention for ANY effects which continue (or show up later).

**IF IN EYES:** Immediately flush eyes with plenty of water, while removing any contact lenses, then hold eyelids open and continue flushing for at least 15 minutes.

**IF SWALLOWED:** Immediately (for conscious victims) rinse mouth with water, spit out, rinse, then drink glassful or more of water (if it will not cause vomiting) and get immediate medical attention.

**IF ON SKIN, CLOTHING, ETC:** Remove any contaminated clothing, shoes, jewelry, etc. (thoroughly clean them before use) and wash affected skin with soap and water.

(continued on right panel)

# PINE OIL DISINFECTANT

Phenol Coefficient 3.9  
against *Salmonella typhi* (typhosa)

## LIMITED DISINFECTANT AGAINST BACTERIA OF INTESTINAL ORIGIN

ACCEPTED with COMMENTS to EPA Letter Detail

SEP 25 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1421-181

DISINFECTS, DEODORIZES, AND CLEANS WITH REAL PINE OIL

Forms an immediate, stable, milk-white emulsion with combined disinfecting, deodorizing and cleaning actions.

#### ACTIVE INGREDIENT:

Pine oil 80%  
INERT INGREDIENTS 20%  
TOTAL 100%

Includes 10% potassium-oleate soap and 10% water.

## KEEP OUT OF REACH OF CHILDREN. WARNING

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT STATEMENTS ON LEFT PANEL.

EPA Reg. No. 1421-181

EPA Est. No. 334-IL-1

DETTELBACH CHEMICAL CORP  
4309 South Morgan Street  
Chicago, IL 60609

### NET 1 GAL (3.78 L)

Hysan Product Name **PINE OIL DIS. 3.9**

Hysan Product # **?????-01-X-XX-XXXXX**

Disk Volume **033 (L)** Filename **PINE OIL 3.9EPA** File Date **03-21-89**

Product File Name at EPA **Pine Oil Disinf. Cont.**

[ ] HYSAN LARA APPROVAL by \_\_\_\_\_  
[ ] HYSAN R&D APPROVAL by \_\_\_\_\_  
[ ] HYSAN SALES APPROVAL by \_\_\_\_\_

**BEST AVAILABLE**