

STARDYNE has its own built-in indicator of germicidal activity. When the amber color disappears, a fresh solution should be prepared. This product is not adversely affected by water hardness or low temperatures. This product is tuberculocidal at a dilution of 3 ounces to 5 gallons of water.

**DIRECTIONS FOR USE:**

For general cleaning and disinfecting in one operation, use 3 ounces of STARDYNE to 5 gallons of water.  
For porous or extremely dirty surfaces, use 6 ounces to 5 gallons of water.

**HOSPITALS**

In animal rooms and cages — wash with a good detergent or compatible cleaner to remove all filth and heavy soil deposits, then use STARDYNE as recommended above. Cafeterias, morgues, laboratories, operating areas, patient rooms, bedframes, walls, and floors, thermometers, instruments, rubber gloves, tubing and catheters should be cleaned properly before disinfection and then use STARDYNE as recommended above.

Allow STARDYNE solution to be in contact with the surface for at least 10 minutes.

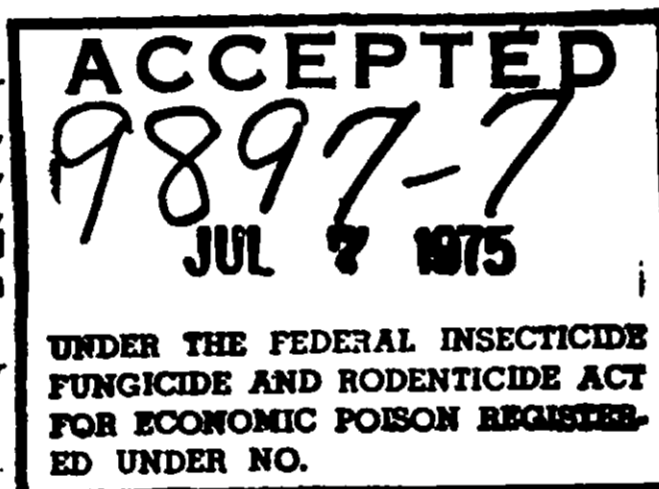
Rinse all food handling surfaces with potable water before reuse.

**COMMERCIAL BUILDINGS, INSTITUTIONS, AND GENERAL HOUSEKEEPING**

Use 3 ounces of STARDYNE DISINFECTANT to 5 gallons of water for cleaning and disinfecting floors, walls, lavatories, shower rooms, refuse containers, kitchen areas, and lunch rooms. Rinse all food handling equipment with potable water before reuse.

**FOOD PLANTS**

To sanitize previously-cleaned food-processing equipment and utensils, use 1 ounce of STARDYNE to 5 gallons of water. Allow to drain but do not rinse. When used in this manner, STARDYNE does not require a potable water rinse, in accordance with the Federal Food Additive Regulation 121.2547.



FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY  
Servicing Florida, the Caribbean, Puerto Rico, Central and South America

**STARDYNE**

E.P.A. Reg. No. 9897-7 E.P.A. Est. No. 9897-FL-1

Recommended for cleaning, disinfecting, and sanitizing in hospitals, institutions, food plants, and commercial buildings.

**ACTIVE INGREDIENTS:**

alpha-(p-Nonylphenyl)-omega-hydroxypoly (oxyethylene)-iodine complex ..... 18.05%  
(Providing 1.75% titratable iodine)

Phosphoric Acid ..... 16.00%

**INERT INGREDIENT:** ..... 65.95%

Total 100.00%

Manufactured under the following U.S. Patents: 3,028,299 - 2,977,315 - 2,931,777

NET CONTENTS: ONE GALLON U.S.

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

(See Rear Panel for First Aid and Additional Precautions)

Manufactured By



2530 N.W. 77th Street Miami, Florida 33147  
Phone (305) 691-8590

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Manufactured By

*Star Chemical Co.*

2530 N.W. 77th Street Miami, Florida 33147  
Phone (305) 691-8590

## STARDYNE DISINFECTANT

### DANGER

**CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION.** Do not get in eyes, on skin, or on clothing. Protect eyes and skin when handling. Harmful if swallowed. Avoid contamination of food.

### FIRST AID

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. 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.

Rinse Empty Container Thoroughly with Water and Discard It

Made in U.S.A.

TESTED  
1975  
INSECTICIDE  
FUNGICIDE ACT  
NON REGISTERED

# SF-109

## COMPOSITION



	<u>Percent by Weight</u>
Active ingredient .....	12.0 percent
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)- ethylene dichloride] .....	12.0 percent
Inert ingredient .....	88.0 percent
Weight per gallon .....	8.53 pounds
Weight of active ingredient per gallon .....	1.02 pound

E.P.A. Registration No. 9897-8

E.P.A. Est. No. 9897-FL-1

## APPLICATION

SF-109 is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime and other deposits. An initial slug addition of 5.0 to 12.5 fluid ounces of SF-109 per 1000 gallons of water to provide a concentration of 40 to 100 parts per million of SF-109 based on the total weight of water in the system is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.20 to 12.5 fluid ounces of SF-109 per 1000 gallons of water (10-100 parts per million of SF-109) should be employed every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Do not get in eyes. Avoid contact with skin. In case of contact, flush with plenty of water for at least 15 minutes. If eye irritation persists, get medical attention. Avoid contamination of food.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Use only as directed on label.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

*Star Chemical Co.*

2530 N.W. 77th STREET  
MIAMI, FLORIDA, U.S.A. 33147

Specialists in Dishroom Programs

Servicing Florida, Puerto Rico, Central and South America

ACCEPTED

OCT 7 1974

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 7877-8 SUBJECT  
TO ATTACHED COMMENTS.