

ACCEPTED

1 FEB 1977

335-188

UNDER THE FEDERAL  
FUNGICIDE ACT  
FOR ECONOMIC PESTER CONTROL  
ED UNDER NO.

**PENNSWIM**

**Sentry**

U.S. Patent Number 3,544,267

**Flameproofed Granules**

# DRY CHLORINATING CHEMICAL

## FOR USE AS A BACTERICIDE AND ALGAEICIDE

65% Available Chlorine for Sanitation and Water Treatment

ACTIVE INGREDIENT	
Calcium Hypochlorite .....	65%
INERT INGREDIENTS .....	35%

**WARNING:** KEEP OUT OF REACH OF CHILDREN. Read precautions and First Aid statements on side panel. DO NOT REUSE CONTAINER.

### 5 LB. Net Weight

EPA Reg. No. 335-188

EPA Est. No.-335-OH-1

Specially treated to guard against the hazards of instantaneous fires of great intensity.

PHILADELPHIA, PA. 19105 • PENNSWIM CORPORATION • PHILADELPHIA, PA. 19105

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Flameproofed Granules

**Sentry**

Bactericide • Deodorant

**DIRECTIONS FOR SWIMMING POOL USE** — It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Sentry, fast dissolving calcium hypochlorite in the granular form, is used for continuous chlorination of swimming pool water. Sentry aids in controlling bacteria and algae in the pool water, that may cause nuisance or infections to bathers. Sentry, when added to the pool water, dissolves in a matter of several minutes and 1 ounce of Sentry per 5,000 gallons of water will provide theoretically at least 0.975 ppm available chlorine when completely dissolved.

For pool **START-UP**, add at least 5 oz. of Sentry for each 5,000 gallons of water to satisfy the chlorine demand of the water and reach the initial chlorine residual of 0.6 ppm (stabilized pools require 1.0 ppm). The pH of the pool water should be maintained with proper products such as our Aquet and Dry Acid in the range of 7.2-7.6, as determined periodically by a suitable test kit. **CONTINUE** with 1 oz. Sentry per 5,000 gallons of water as necessary to maintain the minimum chlorine residuals at all times. Health regulatory agencies usually require 0.6 to 1.0 ppm for non-stabilized pools and 1.0 to 1.5 ppm for stabilized pools, determined by daily or more frequent checks with a chlorine test kit. Variations in temperature, sunlight, organic matter (leaves, grass, dust, etc.) and bathing loads will influence the rate of chlorine consumption and determine the Sentry dosages. To stabilize chlorine in the pool water use an acceptable stabilizer such as our Pennswim Pool Stabilizer (Instructions on label).

**METHODS OF APPLICATION**

**MANUAL FEEDING Dry Sentry**— The granular product may be added directly to the pool water by broadcasting (sprinkling over) the surface of water (free of swimmers) or by predissolving it in a clean container of potable water and then applied directly to the pool water. For safety reasons, during and shortly after the chlorination, children and bathers, should be excluded from the pool water or the immediate working area.

**AUTOMATIC CHLORINE FEEDER** Sentry may be added to the pool water as a 1% stock solution fed continuously or intermittently to the water circulating system in order to provide the required chlorine residual. A 1% stock solution of Sentry is prepared by adding 2 oz. per gallon (or 1 pound per 8 gallons) of lukewarm water in a clean container, stirring well, allowing to settle and pouring off the clear liquid into a feeder storage tank.

**ESTIMATING POOL CAPACITY**

**RECTANGULAR**—Capacity in gallons equals length × width × average depth (in feet) × 7.5. **ROUND**—Capacity in gallons equals diameter × diameter × average depth (in feet) × 5.878

**CARBONATED BEVERAGE AND FOOD PROCESSING PLANTS, SYRUP ROOM EQUIPMENT AND LINES**

Clean mixers, filters, storage jars, pumps, lines and filters thoroughly. Rinse or spray with Sentry solution containing 200 ppm (Parts per million) chlorine. Prepare this solution by adding 1 level teaspoonful of Sentry to 3 gallons of water. Rinse with an approved water supply to remove any remaining hypochlorite from equipment and lines.

**YEASTS AND MOLDS ON WALLS, CEILINGS AND EQUIPMENT**

After cleaning the surface thoroughly, spray with a solution containing 1000 ppm available chlorine. This fungicidal solution (prepared by mixing 5 level teaspoonfuls of Sentry in 3 gallons of water) will destroy yeasts and molds on contact only.

**WATER CHLORINATION AND SEWAGE TREATMENT USES**

Consult your local health department and write to us for technical information.

SENTRY's premium grade granules have been treated to retard initiation and flame propagation when minor flames or small amounts of oxidizable material are accidentally introduced from outside sources. Sentry thereby helps to guard against the instantaneous fires of great intensity. Even so, the following warnings should be carefully observed since Sentry is an oxidizing agent.

**WARNING:** KEEP OUT OF REACH OF CHILDREN. MILD OXIDIZING AGENT. MAY CAUSE CHEMICAL BURNS. DO NOT GET ON SKIN OR IN EYES. MAY BE FATAL OR HARMFUL IF SWALLOWED. NEVER MIX WITH ANY OTHER MATERIALS OTHER THAN WATER. FIRE OR EXPLOSION MAY OCCUR IF THESE DIRECTIONS ARE NOT FOLLOWED. USE ONLY A CLEAN DRY DISPENSER.

**FIRST AID:** EXTERNAL—Flush skin or eyes with plenty of water. If skin irritation persists, get medical attention. For eyes, get prompt medical attention. INTERNAL—Drink large quantities of milk, water or egg whites. Call physician immediately.

**IN CASE OF FIRE** drench with large amounts of water and cool surrounding area with spray. **STORE ONLY** in the original container with **CLOSED COVER** in a **COOL, DRY** place. **DO NOT REUSE CONTAINER.** Rinse empty container thoroughly with water before discarding. Use only a clean dry dispenser. Dispose of spilled SENTRY by immediately flushing with water. This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water.

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