

Acid" into Inert Ingredient Isgint.  
Send final labels to EPA.

"AFTER" Revision

Prev. Date Issued: 11/10/88

Reg # 602-138

PM-32 FRONT PANEL

193

Treponema  
Claim

EPA Reg. No. 602-138

PURINA®  
i-O® CONCENTRATE  
BRAND  
"CONTROLLED IODINE"  
(3-Row Checkerband®)

General Purpose Disinfectant

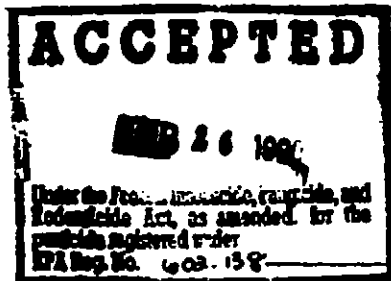
A detergent-germicide for sanitizing and disinfecting walls, floors, equipment, feeders and waterers, cleaning sows prior to farrowing, and shoe and boot sanitizing.

ACTIVE INGREDIENTS:

Iodine *	3.5%
INERT INGREDIENTS	96.5%
	100.0%

\* (From Alpha-(p-nonylphenyl)-omega-hydroxypoly (oxyethylene)-iodine complex).

U.S. Patent Nos. 2,931,777 - 3,028,299



KEEP OUT OF REACH OF CHILDREN

DANGER

CAUSES SKIN AND EYE IRRITATION

(See first aid and other precautions below.)

KEEP FROM FREEZING

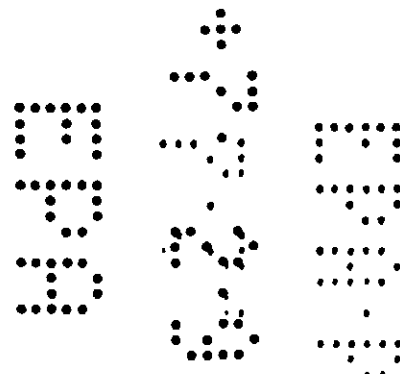
(If frozen, let thaw, mix well before using.)

Note: The precautionary Labeling must meet the type size and prominence requirements.

NET 1 GAL

A-4375

Manufactured By  
PURINA MILLS, INC.  
P.O. Box 66812  
St. Louis, Missouri 63166-6812 U.S.A.



NET 1 GAL.  
PURINA  
i-O CONCENTRATE  
BRAND

(Not to be printed on label)  
USDA Registered - Category D2

PRECAUTIONARY STATEMENTS

DANGER

HAZARD TO HUMANS

STATEMENT OF PRACTICAL TREATMENT

Corrosive. Causes severe eye and skin damage. 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.

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 re-use.

If swallowed, drink large quantities of water. Avoid alcohol. Call a physician.

ENVIRONMENTAL HAZARDS:

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

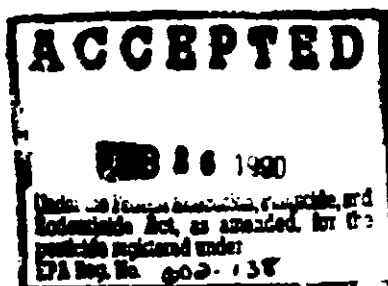
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PURINA i-0 Concentrate is a "Controlled Iodine" disinfectant containing biodegradable detergents for industry, institution, hospital, and farm use. Recommended for disinfection of floors, walls, equipment, restrooms, laboratories, refuse areas, animal rooms and cages.

How to Mix: Blend PURINA i-0 Concentrate with a small amount of water first; then dilute out to volume.

Poultry and Livestock Buildings, Dog Kennels, Laboratories, Zoos.

Remove all animals, feed and portable equipment from the premises. Remove all litter and manure from floors, walls and other surface areas of the facilities. Empty all troughs, racks and other feeding and watering appliances. Prescrape, presoak and flush with water when necessary. Wash with a good detergent or compatible cleaner followed by a potable rinse. Add 1 ounce (2 tablespoonsful) of Purina i-0 Concentrate to each 4 gallons of water to provide 68 ppm of titratable iodine and spray to wet all surfaces thoroughly. To disinfect porous surfaces such as floors and walls use Purina i-0 Concentrate at the rate of 1 ounce in each two gallons of water to provide 136 ppm of titratable iodine. Immerse all halters, ropes and other equipment used in handling and restraining animals, as well as forks, shovels and scrapers in a solution containing 1 ounce of PURINA i-0 Concentrate per 4 gallons of water (provides 68 ppm titratable iodine). Ventilate buildings and other closed areas and allow the disinfectant solution to dry or be absorbed before animals are housed. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be thoroughly scrubbed with detergents and rinsed with potable water before application of the sanitizing solution.



**Food Contact Surfaces:** To sanitize surfaces, such as tables, counters or sinks, first remove all gross food particles and soil by preflushing, prescraping or presoaking. Wash surfaces or objects with a good detergent or compatible cleaner followed by a potable water rinse before application of a sanitizing solution. Use 1 ounce (2 tablespoonsful) of i-O Concentrate to each 12 gallons of water to provide 23 ppm of titratable iodine. Allow surface contact time of at least 1 minute for proper sanitation, drain surface and allow to air dry. At this level no potable water rinse is required.

**For Cleaning Sows:** Before placing sows in farrowing pens or crates, scrub down flanks and udder with lukewarm solution of 1 ounce (2 tablespoonsful) PURINA i-O Concentrate to each 2 gallons of water. Use a soft-bristled brush. Let sow drain dry and do not rinse until just before farrowing.

**For Shoe and Boot Disinfecting Pans:** Remove all litter, manure or dirt from the surface of the boots or shoes by washing or scraping. Use Purina i-O Concentrate at the rate of 1 ounce (2 tablespoonsful) to each 2 gallons of water to provide 136 ppm of titratable iodine to help reduce the tracking of disease organisms into poultry, farrowing house and other livestock quarters. To kill *Treponema hyodysenteria* organisms use PURINA i-O Concentrate at the rate of 1 ounce (2 tablespoonsful) to each 1 gallon of water to provide 272 ppm of titratable iodine. Change solution daily.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in an area inaccessible to children. Store at temperature above 32°F.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

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

QUALITY CONTROLLED BY PURINA RESEARCH

EPA Est. No. 602-NO-1

8905 A

Printed in U.S.A.

