

APR 05 1990

Purina Mills, Inc.
P.O. Box 66812
St. Louis, MO 63166-6812

Attn: R.E. Broyles

Subject: Product Name: Purina Iodine Concentrate 3.5
EPA Reg. No.: 602-244
Amendment of: May 15, 1989

A review of your submission has been conducted and the following comments apply.

- o The removal of 9% Phosphoric acid which is used as an acidifier in this formulation from active ingredient to inert ingredient statement is acceptable.
- o The revised Confidential Statement of Formula agrees with the revised label and is acceptable.
- o There are no adverse comments on this product chemistry.
- o A stamped copy of the revised label is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

Sincerely yours,



Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (47505C)

58549;I:Pringle;K-9;KENC0:4/A/90;5/A/90;CT;vo;sw;dd;dg
CONCURRENCES

SYMBOL	<i>W.C.F.</i>						
SURNAME	<i>Pringle</i>						
DATE	<i>4/4/90</i>						

Reason For Issue: Moving "Phosphoric Acid" into Inert Ingredient listing. Send final labels to EPA. "AFTER" Revision

Date Issued: 5/18/89 (Yellow)

Prev. Date Issued: 10/21/88

FRONT PANEL

(9-Square Logo)

PURINA[®]
BRAND

EPA Reg. No. 602-244

IODINE CONCENTRATE 3.5

ACTIVE INGREDIENTS:

Iodine *	3.50%
INERT INGREDIENTS	96.50%
	<u>100.00%</u>

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

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

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

(Precautionary Labeling to Meet Type Size and Prominence Requirements)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 05 1989

NET 1 GAL

P-0114

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the product registered under EPA Reg. No. 602-244

Manufactured By
PURINA MILLS, INC.
P.O. Box 66812

St. Louis, Missouri 63166-6812 U.S.A.

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

Left Panel

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS
DANG.
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.

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. If burned, stay out of smoke.

Right Panel

PURINA Iodine Concentrate 3.5 is a versatile germicide that kills many pathogenic bacteria and fungi such as *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, and *Trichophyton interdigitale*.

A.O.A.C. Use Dilution Confirmation Test

<i>Staphylococcus aureus</i>	1:512
<i>Salmonella choleraesuis</i>	1:512
<i>Pseudomonas aeruginosa</i>	1:512

A.O.A.C. Fungicidal Test

<i>Trichophyton interdigitale</i>	Passes
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A.O.A.C. Germicidal Sanitizer Test

(1,000 ppm Hard Water)

<i>Staphylococcus aureus</i>	1:1536
<i>Escherichia coli</i>	1:1536

434

Back Panel

Lot No.

IODINE CONCENTRATE 3.5

For use in Food and Beverage Processing Plants, Food Handling Establishments, Industrial and Institutional Establishments, Hospitals and Nursing Homes.

DIRECTIONS FOR USE

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

1. For general disinfecting, thoroughly clean walls, floors and other hard surfaces to be disinfected by prescraping, presoaking or preflushing the surfaces. Then thoroughly wash with a good detergent or compatible cleaner. Rinse. Use a solution of 1 ounce of Purina Iodine Concentrate 3.5 in 4 gallons of water (provides 68 ppm of titratable iodine). Apply the disinfecting solution with a clean mop or cloth so as to wet surfaces thoroughly. Allow the surfaces to drain and air dry.
2. For sanitation, thoroughly clean all surfaces by prescraping, preflushing or presoaking. Then wash with a good detergent or compatible cleaner. Rinse. Use a solution of 1 ounce of Purina Iodine 3.5 in 12 gallons of water (provides 23 ppm of titratable iodine). Apply sanitizing solution so as to wet surfaces thoroughly. Surfaces must remain wet for at least 1 minute for proper sanitation. No potable rinse is required at this dilution.

EPA Est. No. 602-MO-1

PURINA RESEARCH ASSURES QUALITY

8905 Q #

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