

PM33

43670-4

9/20/99

1 of 9



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7504C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
43670-4

Date of Issuance:  
SEP 20 1999

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Intersept PC 20

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Interface Research Corporation  
100 Chastain Blvd., Ste. 165  
Kennesaw, Georgia 30144

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 43670-4".
  - b. Please place the appropriate Establishment No. on the product labeling.

Signature of Approving Official:

Marshall Swindell, Product Manager Team  
33/RMBI/Antimicrobial Division

Date:

SEP 20 1999

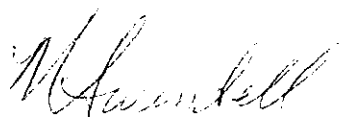
page 2  
EPA Reg. No. -

3. Submit two copies of the revised final printed label for the record.

The Confidential Statement of Formula dated July 30, 1999, is acceptable.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division (7505C)

[FRONT LABEL PANEL]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

# INTERSEPT® PC-20

SEP 20 1999  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
**43670-4**

**A Fungistat and Bacteriostat for Incorporation into Various Products**

**Active Ingredients:**

Phosphoric acid, mono (2-ethylhexyl) ester .....	3.54%
Ethanol, 2, 2' - (cocoimino) - bis, salt with Phosphoric acid, bis (2-ethylhexyl) ester (1:1).....	13.28%
Ethanol, 2,2' - (cocoimino) - bis, salt with Phosphoric acid, mono (2-ethylhexyl) ester (1:1) .....	3.18%

<b>Inert Ingredients:</b> .....	<u>80.00%</u>
<b>Total</b> .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of the throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call physician if irritation persists.

See Side (Back) panel for additional precautionary statements

NET WEIGHT \_\_\_\_\_

4 of 9

[SIDE (BACK) LABEL PANEL]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
SEP 20 1999

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
**43670-4**

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**Directions For Use**

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

This product is intended for use only in connection with manufacturing processes and is not intended to come into the hands of the general public except after incorporation into finished products. The proper use of the product in the manufacturing process and the types of products into which it may be incorporated are described in greater detail below.

**BENEFITS**

Durable, broad-spectrum bacteriostat and fungistat for incorporation into various products. Incorporation of Intersept PC-20 will protect against deterioration from bacteria and fungi and thus encourages hygienic freshness. For treated products as listed below, Intersept PC-20 is effective as a bacteriostat and fungistat against a broad spectrum of both Gram-positive and Gram-negative odor causing bacteria and fungi and molds.

5019

[SIDE (BACK) LABEL PANEL]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 20 1999

**For Carpets:** Construction of carpeting containing Intersept PC-20 represents a new technology in providing long lasting properties throughout the carpet.

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

Mix Intersept PC-20 directly into the polymeric backing material at a level of 0.5-10 percent based on the total weight of all the components of the vinyl formulation.

43670-4

**For Epoxy Flooring & Tile:** Epoxies formulated with Intersept PC-20 for use in flooring and tile represents a new technology in providing long-lasting protection against a broad spectrum of both Gram-positive and Gram-negative odor-causing bacteria as well as fungi. Intersept PC-20 is introduced into the epoxy system during formulation. Once formulated, there is no loss of efficacy due to washing or wear. The bacteriostatic and fungistatic properties are immediate on contact in the presence of moisture.

Intersept PC-20 is introduced during the formulation of the epoxy system at a level of 1-25 percent, based on the total weight of all the components of the flooring or tile system.

**For Vinyl Products, Including Wall Coverings, Car Tops, Awnings, Tarpaulins, Tents, Sails, Drapes, Shower Curtains, Cubicle Curtains, and Film to be used for Purposes Other Than Food Storage and Flooring Products:**

Incorporation into vinyl products of Intersept PC-20 represents new technology in providing long-lasting properties throughout the vinyl. We are now able to introduce the antimicrobial agent by formulating it within the vinyl during the manufacturing process. Once formulated, there is no loss of efficacy due to washing or wear.

Mix Intersept PC-20 directly into the vinyl plastisol at a level of 5-25 percent based on the total weight of all components of the vinyl formulation. If the vinyl polymer is in pellet form, Intersept PC-20 should be tumbled mixed with the virgin pellets prior to extrusion.

**For Plastic Furniture, Excluding Furniture Used for Food Service and Food Storage:**

Construction of plastic furniture containing Intersept PC-20 represents new technology in providing long-lasting properties through the product. We are now able to introduce the antimicrobial agent within the plastic during the manufacturing process. Once incorporated, there is no loss of efficacy due to washing or wear.

Tumble mix Intersept PC-20 with the thermoplastic resin at a level of 5-25 percent based on the weight of the formulated resin pellets, prior to extrusion.

**For Polymeric Laminates, Excluding Laminates used for Food Preparation Surfaces:**

Incorporation of Intersept PC-20 into polymeric laminate products represents new technology in providing long-lasting properties throughout the laminate. We are now able

6019

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 20 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
43670-4

[SIDE (BACK) LABEL PANEL]

to introduce the antimicrobial agent by formulating it within the polymer during the manufacturing process. Once formulated, there is no loss of efficacy due to washing or wear.

Mix Intersept PC-20 directly with the polymer at a level of 5-25 percent based on the weight of all the components of the polymer formulation.

**For Polymer Concrete:**

Polymer concrete formulated with Intersept PC-20 for use in flooring systems, tile and grout systems represents new technology in providing long-lasting protection against a broad spectrum of both Gram-positive and Gram-negative odor causing bacteria as well as fungi. Intersept PC-20 is introduced into the polymer during formulation. Once formulated, there is no loss of efficacy due to washing or wear. The bacteriostatic and fungistatic properties are immediate on contact in the presence of moisture.

Introduce Intersept PC-20 during the formulation process of the polymer at a level of 5-25 percent based on the total weight of the polymer.

**For Synthetic and Non-Woven Textile Products, Including Wall Coverings, Car Tops, Awnings, Tarpaulins, Tents, Sails, Drapes, Shower Curtains and Cubicle Curtains:**

Incorporation into synthetic and non-woven textile products of Intersept PC-20 represents new technology in providing long-lasting properties throughout the product. We are now able to introduce the antimicrobial agent by incorporation into the textile material during the manufacturing process. Once incorporated, there is no loss of efficacy due to washing or wear under normal use conditions.

For synthetic and non-woven fibers, tumble mix Intersept PC-20 with the virgin polymeric resins or pellets at a level of 5-25 percent based on the total weight of the formulated resins or pellets, prior to extrusion. For non-woven fabrics, mix Intersept PC-20 directly into the polymeric binder at a level of 5-25 percent based on the total weight of the formulated binder.

**For Polymeric Packaging Film to be Used for Purposes Other Than Food Storage:**

Incorporation of Intersept PC-20 into polymeric packaging film represents new technology in providing long-lasting properties throughout the packaging film. We are now able to introduce the antimicrobial agent by formulating it within the polymer during the manufacturing process. Once formulated, there is no loss of efficacy due to washing or wear.

Mix Intersept PC-20 directly into the polymer at a level of 5-25 percent based on the total weight of all the components of the formulated resins or pellets, prior to extrusion.

7.19

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 20 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
registered under EPA Reg. No.  
43670-4

[SIDE (BACK) LABEL PANEL]

**For Water, Oil and Solvent Based Paints, Stains and Other Coating Systems Formulated for Use on Interior and Exterior Surfaces, Substrates, Machinery and Equipment, Including Heating, Ventilating and Air Conditioning Systems:**

Incorporation of Intersept PC-20 into paints and other coating systems represents new technology in providing durable properties throughout the coating systems. We are now able to introduce the antimicrobial agent by formulating it within the coating system during the manufacturing process. Once formulated, there is no loss of efficacy due to washing or wear.

Mix Intersept PC-20 directly into the coating system formulation at a level of 0.5-25 percent, based on the total weight of all components of the coating system.

**For Molded Polymeric and Polymer Concrete Bath Tubs, Showers, Bathroom Sinks, Bathroom Countertops and Bathroom Accessories:**

Polymer and Polymer concrete formulated with Intersept PC-20 represents a new technology in providing durable protection against a broad spectrum of both Gram-positive and Gram-negative odor causing bacteria as well as fungi (including mold and mildew). Intersept PC-20 is introduced into the polymer during formulation. Once formulated, there is no loss of efficacy due to washing or wear. The bacteriostatic and fungistatic properties are immediate on contact in the presence of moisture.

Introduce Intersept PC-20 during the formulation process of the polymer at a level of 5-25 percent based on the total weight of the polymer.

**For Various Molded Polymer and Polymer Concrete Products for General Household, Industrial, Commercial and Health Care Use:**

Polymer and Polymer concrete formulated with Intersept PC-20 represents a new technology in providing durable protection against a broad spectrum of both Gram-positive and Gram-negative odor causing bacteria as well as fungi (including mold and mildew). Intersept PC-20 is introduced into the polymer during formulation. Once formulated, there is no loss of efficacy due to washing or wear. The bacteriostatic and fungistatic properties are immediate on contact in the presence of moisture.

Introduce Intersept PC-20 during the formulation process of the polymer at a level of 5-25 percent based on the total weight of the polymer.

**For Natural and Synthetic Polymeric Sealants, Adhesives and Caulking Compounds:**

Polymeric sealants, adhesives and caulking compounds formulated with Intersept PC-20 represent new technology in providing both Gram-positive and Gram-negative odor causing bacteria as well as fungi (including mold and mildew). Intersept PC-20 is introduced into the polymer during formulation. Once formulated, there is no loss of efficacy due to washing or wear. The bacteriostatic and fungistatic properties are immediate on contact in the presence of moisture.

8-89

with COMMENTS  
in EPA Letter Dated:

SEP 20 1999

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

43670-4

[SIDE (BACK) LABEL PANEL]

Mix Intersept PC-20 during the formulation process of the polymer at a level of 5-25 percent based on the total weight of the polymer.

**For Textile Upholstery, Mattresses, Mattress Ticking and Mattress Covers:**

Incorporation of Intersept PC-20 into textile upholstery, mattresses, mattress ticking and mattress covers represents new technology in providing durable properties throughout these products. We are now able to introduce the antimicrobial agent by incorporating into the textile during the manufacturing process. Once incorporated, there is no loss of efficacy due to washing or wear under normal use conditions.

For synthetic and non-woven fibers, tumble mix Intersept PC-20 with the virgin polymeric resins or pellets at a level of 5-25 percent based on total weight of the formulated resins or pellets, prior to extrusion. For non-woven fabrics, mix Intersept PC-20 directly into the polymeric binder at a level of 5-25 percent based on the total weight of the formulated binder.

**For Vinyl Upholstery, Mattresses, Mattress Ticking and Mattress Covers:**

Incorporation of Intersept PC-20 into vinyl upholstery, mattresses, mattress ticking and mattress covers represents new technology in providing durable properties throughout these products. We are now able to introduce the antimicrobial agent by formulating it within the vinyl during the manufacturing process. Once formulated, there is no loss of efficacy due to washing or wear under normal use conditions.

Mix Intersept PC-20 directly into the vinyl at a level from 5-25 percent based on the total weight of all the components of the vinyl formulation. If the vinyl polymer is in pellet form, Intersept PC-20 should be tumble mixed with the pellets prior to extrusion.

**For Air Filters to be Used in Furnaces, Air Conditioners, Air Purification Devices, Automobiles, and Recirculating Air Handling Systems:**

Incorporation of Intersept PC-20 into air filter materials represents new technology in providing durable protection against a broad spectrum of both Gram-positive and Gram-negative odor-causing bacteria, fungi and molds. We are now able to introduce the antimicrobial agent by incorporating the filter material during the manufacturing process. Once incorporated, there is no loss of efficacy due to washing or wear under normal use conditions.

For synthetic polymeric filter materials, mix Intersept PC-20 with the polymeric resins or pellets at a level of 5-25 percent based on the total weight of the formulated resins or pellets, prior to extrusion. For non-woven textile fiber materials, mix Intersept PC-20 directly into the polymeric binder at a level of 5-25 percent based on the total weight of the formulated binder.



[SIDE (BACK) LABEL PANEL]

**STORAGE AND DISPOSAL**

**Storage:** Store at ambient temperature.

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

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

**General:** Consult Federal, State or local disposal authorities for alternative procedures.

EPA Registration No. 43670-\_\_\_\_\_  
EPA Establishment No. 58260-GA-001

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Manufactured By

**INTERFACE RESEARCH CORP.**  
Suite 165, 100 Chastain Center Blvd.  
Kennesaw, Georgia 30144

SEP 20 1999  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
**43670-4**

INTERSEPT® is a Registered Trademark of Interface, Inc., USA