

2023-1679  
23-08-03

## **BIOBAN™ SP 100 Antimicrobial**

For the control of fungi and bacteria in industrial applications and for post harvest preservation of pears

**INDUSTRIAL**

**WARNING**

{Poison Logo}

**POISON**

**DANGER IRRITATING DUST - CAN CAUSE EYE DAMAGE**

ACTIVE INGREDIENT: Sodium o-phenylphenate(present as tetrahydrate) 71.7%  
O-phenylphenol (present as sodium o-phenylphenate tetrahydrate)... .....63.3%

**WARNING:** Contains the allergen Sulfites

REGISTRATION NO. 27862  
PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING**

*LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112  
1-800-LANXESS*

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**EMERGENCY TELEPHONE NUMBERS**

**TRANSPORTATION EMERGENCIES ONLY:**

CANUTEC (Canada): 1-613-996-6666  
CHEMTREC: 1-800-424-9300 (USA); 1-703-527-3887 (International)

**ALL OTHER EMERGENCIES:**

LANXESS: 1-800-410-3063 (USA); 1-866-673-6350 (Canada)

NET CONTENTS: 25kg/ 55.12 lb

**PRECAUTIONS  
KEEP OUT OF REACH OF CHILDREN**

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Harmful if swallowed or inhaled. Corrosive; causes skin and eye irritation. Do not breathe dust. Wear a respirator, goggles or face shield, long-sleeved shirt, long pants and chemical-resistant gloves when handling product. Toxic to fish; do not contaminate any body of water by cleaning equipment or disposal of wastes.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for at least 30 minutes. Remove contact lenses if present, after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and shoes. Wash immediately with non-abrasive soap and large quantities of water for 30 minutes. Destroy contaminated leather items such as shoes, belts and watchbands. Further amounts of this material may be removed from the skin by repeatedly spraying/swabbing the skin with polyethylene glycol or polypropylene glycol mixture, alternating with rinsing with large quantities of water for 30 minutes. Example decontamination mixtures include PEG300/ethanol (or industrial methylated spirits) 2:1, or available polypropylene/rapeseed oil proprietary mixtures, or polyvinylpyrrolidone/detergent mixtures. Call a poison control centre or doctor for further treatment advice.

**IF INHALED:** Anyone experiencing noticeable ill effects from breathing the dust of this material should be removed to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration preferably by mouth-to-mouth; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice. If breathing is difficult, oxygen should be administered by qualified personnel.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. **Do not** give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## ENVIRONMENTAL PRECAUTIONS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE:**

Do not contaminate water, food or feed by storage or disposal. Keep in original container tightly closed during storage. Store in a cool, dry and well ventilated location away from heat and open flame. Do not ship or store with food, seed, feed, drugs, clothing, fertilizer or other pesticides.

**DISPOSAL:**

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

**NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**DIRECTIONS FOR USE** If exposed to air for prolonged periods, this material may give a cloudy solution in water. Such cloudiness may be minimized by adding sufficient caustic (sodium hydroxide).

**Application:** Adhesives

**Purpose:** To protect adhesives based on starch, protein, natural and synthetic rubber latex from deterioration during manufacturing, storage and service life

**Suggested Concentration:** 0.05-1.0% by wt of BIOBAN™ SP 100 Antimicrobial

**How to Apply:** Add as a concentrated aqueous solution to the formulation

**Application:** Agriculture Products

**Purpose:** Post harvest preservation of pears

**Suggested Concentration:** 0.05-3.09% by wt in water or wax emulsion formulation

**How to Apply:** Dip, flood or spray pears with water or emulsion containing antimicrobial

**Application:** Ceramic Glazes and Clay Slips

**Purpose:** To prevent bacterial decomposition.

**Suggested Concentration:** 0.05-0.19% by wt of formulation

**How to Apply:** Add to ingredients of formulation as they are charged into ball mill

**Application:** Chemical Toilets

**Purpose:** To control odours in chemical toilets on buses, trains and airplanes

**Suggested Concentration:** 30-45 grams/litre

**How to Apply:** Dissolve antimicrobial in water

**Application:** Construction Materials

**Purpose:** To control mild growth on inert surfaces such as asbestos shingles, tile roofs, brick walls, and concrete blocks

**Suggested Concentration:** 1.0% by wt in water

**How to Apply:** Rinse previously cleaned surface with solution of antimicrobial

**Application:** Fire Extinguisher Solutions

**Purpose:** To preserve foam-type solutions

**Suggested Concentration:** 0.25-0.5% by wt of solution

**How to Apply:** Add antimicrobial to solution

**Application:** Floor Wax Emulsions

**Purpose:** For shelf preservation

**Suggested Concentration:** 0.1-0.5% by wt of emulsion

**How to Apply:** Add to water phase of emulsion during formulating process

**Application:** Ink\*\*

**Purpose:** For shelf preservation of dextrin-based water colour printing inks.

**Suggested Concentration:** 0.5% by wt of formulation

**How to Apply:** Add as concentrated aqueous solution to the formulation

**Application:** Laundry Starch

**Purpose:** To preserve liquid starch during shelf and use life

**Suggested Concentration:** 0.2% by wt of formulation

**How to Apply:** Add as concentrated aqueous solution to the formulation

**Application:** Leather

**Purpose:** To prevent slippage of hairs on furs in soaking liquors; to prevent deterioration of treating and finishing formulations

**Suggested Concentration:** 1 part per 15 parts of water for soaking liquors; 0.5- 1.0% by wt for pastes, dressings and finishes

**How to Apply:** Add as a concentrated aqueous solution to the formulation

**Application:** Metal-working Fluids

**Purpose:** To prevent decomposition of oils, emulsifying agents and other components

**Suggested Concentration:** 0.1-1.0% by wt of formulation

**How to Apply:** Add as a concentrated aqueous solution to the use dilution of the metalworking fluid

**Application:** Paint\*\*

**Purpose:** For preservation of decomposable raw material solutions or dispersions during storage. For shelf preservation of protein based latex paints.

**Suggested Concentration:** Minimum of 0.6% by wt of BIOBAN™ SP 100 Antimicrobial

**How to Apply:** Add as concentrated aqueous solution to the formulation

**Application:** Polyvinyl Alcohol\*\*

**Purpose:** To preserve solutions of the alcohol

**Suggested Concentration:** 0.6-0.8% by wt of solution

**How to Apply:** Add antimicrobial to solution

**Application:** Pulp and Paper\*\*

**Purpose:** To preserve coatings, sizings, and printing colours based on animal and vegetable protein, and latex

**Suggested Concentration:** 0.1-1.0% by wt of material preserved

**How to Apply:** Add as a concentrated aqueous solution

**Application:** Textiles\*\*

**Purpose:** To preserve processing materials and finishing yarns and cloth during storage

**Suggested Concentration:** 0.1-0.75% by wt of materials treated

**How to Apply:** Add as a concentrated aqueous solution and all preserved textiles must be washed before manufacturing clothing

\*\*Products containing this chemical are not to be used in food packaging materials or in areas where food is processed, handled or stored. .