

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, or skin, or on clothing. Harmful if swallowed. Wear goggles or faceshield, protective clothing, and chemical resistant gloves when handling. Remove and wash contaminated clothing before reuse. Thoroughly wash hands before eating, drinking, chewing gum, using tobacco or using toilet.

ENVIRONMENTAL HAZARDS

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.

STORAGE AND DISPOSAL

Storage: Store between 7C (45F) and 38C (100F). Keep container tightly closed when not in use. If frozen product separates, thaw completely at room temperature and stir thoroughly.
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:
Option to use for labels on nonrefillable rigid containers of all sizes.
Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. 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.
Option to use for labels on refillable rigid tote containers.
Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Notice: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

BIOBAN™ OP 25 Antimicrobial

FOR INDUSTRIAL USE

Active Ingredients:

Sodium o-phenylphenate **25.3%**

Inert Ingredients: **74.7%**

Total **100%**

FIRST AID:

IF IN EYES	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 30 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call poison control center or doctor (preferably ophthalmologist) for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 30 minutes.• Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none">• Call 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.
IF MIST INHALED	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect **(989)636-4400**. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

E.P.A. Registration No. 464-656
E.P.A. Est. No. 83434-IL-001

Produced for: *When produced by contract manufacturer*



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A
(989)636-4400

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or an affiliated company of Dow.

Made in U.S.A.

**NET CONTENTS: 273.8 gallons
NET WT: 2300 lb/1043.3 kg
Lot No:**

DIRECTIONS FOR USE

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

ADHESIVES

To protect adhesives based on starch, protein, natural and synthetic gums, and natural and synthetic rubber latex from deterioration during manufacture, storage and service life; add 0.1 to 3.0% by weight of BIOBAN OP 25 Antimicrobial to the formulation.

LATEX

To preserve synthetic and natural latex dispersions and emulsions in manufacture, transportation and storage, add 0.1 to 1.0% by wt of BIOBAN OP 25 Antimicrobial to the dispersion or emulsion.

PAINTS

For preservation of decomposable raw material solutions or dispersions during paint manufacturing or storage. For shelf preservation of water-based paints. Add 0.04 - 1.6% by weight of BIOBAN OP 25 Antimicrobial at a suitable point in the manufacture or storage of the paint or paint raw material.

CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS,

To inhibit bacterial spoilage during the production and shelf life storage and use of consumer, household and institutional products, including dishwashing liquids, surfactants, surface cleaners, fabric softeners, laundry cleaners and polishes. Dose at 0.1 to 0.8 lb per 100 lb (1000 to 8000 ppm).

SLURRIES AND DISPERSED PIGMENTS

To control the growth of fungi and bacteria in aqueous-based slurries and dispersed pigments such as clay, kaolin, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, iron oxide, carbon black, titanium dioxide, kieselguhr, starch, organic dyes and other filler suspensions; add 0.04 - 1.6% by weight of BIOBAN OP 25 Antimicrobial at a suitable point during the manufacture, container loading/filling or shipment of the slurry.

CONCRETE ADMIXTURES

To control the growth of fungi and bacteria in concrete admixtures, add 0.1 - 1.0% by weight of BIOBAN OP 25 Antimicrobial at a suitable point during the manufacture of the admixture.

METALWORKING FLUIDS

To control the growth of fungi and bacteria in metalworking fluids, add 1.0 - 2.5 gallons of BIOBAN OP 25 Antimicrobial to 1000 gallons of diluted metalworking fluid. BIOBAN OP 25 Antimicrobial may also be used in metalworking fluid concentrate at levels sufficient to yield 0.12 - 2.4% BIOBAN OP 25 Antimicrobial in the fluid as diluted for use.



LICENSED

PERIOD **2015-2017** LIC. NO.

**9197.334
Disc.**



LICENSED

PERIOD **2012-2014** LIC. NO.