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BIOBAN™ O 45 ANTIMICROBIAL

For use as a material preservative in non-food contact materials and products

SOLUTION

COMMERCIAL

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: 2-n-Octyl-4-isothiazolin-3-one 45.00% REGISTRATION NO. 23955 PEST
CONTROL PRODUCTS ACT



POISON



CORROSIVE

DANGER - CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

Net Contents: 18.1-1130 kg

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)

INTERNAL

ALL OTHER EMERGENCIES:

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

FIRST AID

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

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

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

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE TO EYES AND SKIN

MAY CAUSE ALLERGIC SKIN REACTION

MAY BE HARMFUL IF INHALED

FATAL OR POISONOUS IF SWALLOWED OR ABSORBED THROUGH THE SKIN

POTENTIAL SKIN SENSITIZER

Do not get in eyes, on skin, or on clothing. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes and protective eyewear (goggles or face shield) during mixing, loading, application, clean up, maintenance, and repair. In addition, wear a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides during clean up, maintenance and repair. Use a closed transfer system when mixing, loading and applying. Avoid breathing vapour or mist. Keep container closed. Use adequate ventilation. Do not take internally. Wash thoroughly after handling.

Manufactured paint products (EPs) containing the preservative octhilinone must be labelled with the following information: Professional painters using an airless sprayer must wear cotton coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, a painter's hat, and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides during paint application.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans, or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

STORAGE

Do not contaminate water, food, or feed by storage or disposal. This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Keep container closed. Use with adequate ventilation.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction 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 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.

Date of Manufacture: location for date

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this 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

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT discharge effluents containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans, and other waters unless the effluent has been detoxified to suitable means.

COATINGS

For use as a mildewcide in coatings such as latex and solvent-based paints, semi-transparent stains and solid stains. Use 1.2 to 1.8 Kg/1000 L of this product of coating formulations.

In latex coatings, this product should be added during the letdown phase of paint manufacture. To insure uniform distribution throughout the coating, it is recommended that this product be premixed with propylene glycol and coalescent. The premix should be added slowly with good agitation, just prior to the addition of the thickener.

In solvent-based coatings, a coupling solvent such as butyl Cellosolve may be used to assist in mixing this product.

Dosage levels of this product will depend upon the type of formulation, the presence and level of zinc oxide in the system, and the climate in which the material will be exposed.

BUILDING MATERIALS

For use as a mildewcide in building materials such as elastomeric roof and wall coatings and mastics, caulks, sealants, joint cements, spackling, stucco and grouting. Use 1.2 to 2.3 Kg/1000 L of this product formulation.

WALLPAPER PASTES AND ADHESIVES

For use as a mildewcidal preservative to protect materials such as polyvinyl acetate starch and dextrin based pastes from fungal attack after they are applied. Use 0.8 to 1.2 Kg/1000 L of this product formulation.

AQUEOUS ADHESIVE AND TACKIFIER PRESERVATION

For use as a mildewcidal preservative in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene butadiene, polyurethane, epoxy, acrylic latices, and tackifiers derived from rosin and hydrocarbon resins. Use 1.2 to 2.3 Kg/1000 L of this product formulation.

For use as a material preservative in non-food contact materials and products.

This product weighs 1.04 kg per litre