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Henkel Canada Limited

NOPCOCIDE N-40-D

Manufacturing Concentrate Microbicide for
Manufacturing Use + Commercial Application
to Cob Mildew on Paint Film

GUARANTEE

Chlorothalonil (tetrachloroisophthalonitrile).....40.4%

COMMERCIAL

REGISTRATION NO. 18965.04 PEST CONTROL PRODUCTS ACT

WARNING

CAUSES EYE DAMAGE.

KEEP OUT OF REACH OF CHILDREN.

READ THE LABEL BEFORE USING.

See side panel for additional precautionary statements.

Net Contents: 113.9 Litres

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DIRECTIONS FOR USE

Nopcocide N-40-D is a broad spectrum microbicide for control of fungi. Its high degree of activity provides excellent performance characteristics for use as a mildewcide in latex exterior and interior emulsion paints and solvent-based paints. Nopcocide N-40-d has several desirable properties which are important in manufacturing fungus resistant paint.

These are:

- extremely low water solubility

- low vapor pressure
- fine particle size
- excellent pH stability

Latex Exterior and Interior Emulsion Paints - For exterior paints, use 1.0-2.0 litres per 100 litres. For interior paints, use 0.5-1.0 litres per 100 litres.

Solvent-Based Paints - Use 1.0-2.3 litres per 100 litres.

RECOMMENDATIONS FOR USING NOPCOCIDE N-40-D

Latex Emulsion Paints

Nopcocide N-40-D is a 40.4% active aqueous dispersion of chlorothalonil. It can be added in the paint formula during the pigment grind operation, during or after letdown, or post-added to a finished product.

Generally, 1.0-2.0 litres of Nopcocide N-40-D per 100 litres of exterior paint are sufficient for effective mildew control in the paint film. In extreme mildew areas, such as the West Coast, levels of up to 2.0 litres are recommended. Levels of 0.5-1.0 litres have been found effective in interior latex paint. Nopcocide N-40-D, at these recommended levels, may be used as a component of paints used in non-food contact surfaces in food plants.

Nopcocide N-40-D is compatible with zinc oxide in latex paints. Nopcocide N-40-D can be used with either unmodified or alkyd modified acrylic, vinyl acrylic or polyvinyl acetate latexes.

If a can preservative is used in combination with Nopcocide N-40-D, its compatibility with Nopcocide N-40-D should be examined first. Our studies indicate that certain can preservatives appear to react with Nopcocide N-40-D to produce a yellowing in the can.

Solvent-Based Exterior Paints

Nopcocide N-40-D can be used to aid in protecting solvent-based exterior paint films from mold growth at treatment levels of 1.0-2.3 litres per 100 litres. Again, dispersion is readily accomplished during the pigment grinding operation. As in the case of latex paints, zinc oxide can be used with Nopcocide N-40-D.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control

Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

USE PRECAUTIONS

The following precautions should be observed in handling and using Nopcocide N-40-D.

Do not get in eyes. Nopcocide N-40-D is capable of causing eye damage. Wear goggles or eye shield when handling this product. See First Aid Procedures.

Avoid contact with skin or clothing. See First Aid Procedures.

Do not take internally. Avoid breathing spray mist.

Note: Nopcocide N-40-D may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. See First Aid Procedures.

ENVIRONMENTAL HAZARDS

Nopcocide N-40-D is toxic to fish. Keep out of lakes, streams or ponds.

STORAGE AND DISPOSAL

Storage:

Store Nopcocide N-40-D in a cool place. Protect from excessive heat. This product may congeal or stratify when exposed to temperatures below its pour point. Should this occur, allow the container to warm to room temperature and mix well before using. Do not contaminate water, food or feed by storage or disposal.

Disposal:

1. Rinse the emptied container thoroughly and add the rinsings to 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 and the cleanup of spills contact the Provincial Regulatory Agency or the Manufacturer.

PERSONAL PROTECTIVE EQUIPMENT

Wear goggles or eye shield to protect eyes when handling Nopcocide N-40-D.

Use protective barrier cream on exposed skin areas.

Wear gloves and protective clothing when handling or using Nopcocide N-40-D to minimize skin contact.

Do not inhale spray mist - wear a respirator if necessary. Launder outer garments if exposed to dust or spills. Discard footwear which cannot be decontaminated.

FIRST AID PROCEDURES

Contact with eyes: Flush with plenty of water immediately for at least 15 minutes. Seek medical attention immediately.

Contact with skin: Wash exposed areas of skin with soap and warm water after handling or using Nopcocide N-40-D. Contaminated clothing including footwear should be thoroughly cleaned before reuse.

Inhalation: Remove to fresh air.

Ingestion: If swallowed do not induce vomiting. Seek medical attention or contact the Poison Control Centre.

Allergic reactions: Contact a physician immediately for treatment with antihistamines or steroid creams and/or systemic steroids.

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