

95/2000

HULS

HULS CANADA INC.,
235 ORENDA ROAD,
BRAMPTON, ONTARIO, L6T 1E6
TEL: (416) 451-3810 - FAX (416) 451-4469

NUOCIDE* 404D

TECHNICAL MICROBICIDE FOR MANUFACTURING USE
TO CONTROL MILDEW ON PAINT FILM

GUARANTEE:

Chlorothalonil.....40.4% (Tetrachloroisophthalonitrile)

COMMERCIAL

REGISTRATION NO. 18965.02
PEST CONTROL PRODUCTS ACT

WARNING

CAUSES EYE DAMAGE

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

See side panel for additional precautions

NET CONTENTS 113.9 LITRES

*REG T.M. and use licensed by Hüls America Inc.

DIRECTIONS FOR USE

*NUOCIDE 404D 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. *NUOCIDE 404D has several desirable properties which are important in manufacturing fungus resistant paint. These are:

- extremely low water solubility
- low vapour pressure
- fine particle size
- excellent pH stability

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

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

RECOMMENDATIONS FOR USING

*NUOCIDE 404D

Latex Exterior Paints

*NUOCIDE 404D, 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 finished product.

Generally 1.0-2.0 L of *NUOCIDE 404D 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 L are recommended. Levels of 0.5-1.0 L have been found effective in interior latex paint. *NUOCIDE 404D at these recommended levels, may be used as a component of paints used in non-food contact surfaces in food plants.

*NUOCIDE 404D is compatible with zinc oxide in latex paints.

*NUOCIDE 404D 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 *NUOCIDE 404D its compatibility with *NUOCIDE 404D should be examined first. Our studies indicate that certain can preservatives appear to react with *NUOCIDE 404D to produce a yellowing in the can.

Solvent Based Exterior Paints

*NUOCIDE 404D can be used to aid in protecting solvent based exterior paint films from mold growth at treatment levels of 1.0-2.3 L 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 *NUOCIDE 404D.

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 *NUOCIDE 404D:

Do not get in eyes. *NUOCIDE 404D 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: *NUOCIDE 404D 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

*NUOCIDE 404D is toxic to fish. Keep out of lakes, streams or ponds.

Storage and Disposal

Storage: Store *NUOCIDE 404D 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 the treatment site.
2. Follow provincial instructions for any required additional

- cleaning of the container prior to its disposal or reconditioning.
3. Dispose of the container in accordance with provincial requirements.
 4. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environment Canada.
 5. For small spills recover free liquid. Soak up residue with solids absorbent. DO NOT FLUSH INTO SURFACE STREAMS. INFORM ENVIRONMENT CANADA AS IN #4.

Personal Protective Equipment

Wear goggles or eye shield to protect eyes, when handling *NUOCIDE 404D.

Use protective barrier cream on exposed skin areas.

Wear gloves and protective clothing when handling or using *NUOCIDE 404D 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 *NUOCIDE 404D. 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.

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

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