

MOLDEx®

Moldex® 45 Mildewcide is an isothiazolinone compound for the temporary control of mold and mildew control treated wood building products.

Moldex 45 is environmentally friendly and does not persist in the environment.

FEATURES and BENEFITS

Feature	Benefit
Liquid product	Easy to incorporate
Highly active microbicide	Low dosage required, cost effective
Low environmental toxicity	Not persistent in the environment
Global production capabilities	Good supply and availability

COMPOSITION

ACTIVE INGREDIENTS: Stable Formulation containing 2-n-octyl-4-isothiazolin-3-one (45% by weight)

TYPICAL PROPERTIES

Appearance:	Clear to slightly hazy liquid
Color:	Amber-gold
Odor:	Mild
pH (as supplied)	2.4
Viscosity	40 cP
	Specific gravity (20°C) 1.034

STABILITY

The activity of the active ingredient is not changed by short-term temperature stress during processing at up to 60°C. However, the product stability is affected by alkalinity and oxidizing agents in the treatment solution. For best results the treatment solution should be maintained at a pH of 8 or below and the active level Moldex 45 monitored and made up as required to maintain the desired concentration.

APPLICATION AND ACTIVITY

Moldex 45 at a concentration in the range 220 ppm to 250 ppm range of active ingredient is recommended for the control of mold in copper-azole (Viance CA-B, CA-C, and Pack PT) treating solutions.

Many factors such as temperature, air circulation, depth of penetration, moisture content, mildew and mold others affect the performance of the treatment. Therefore the protection period can't be accurately determined. Tests and experiences from our technical experts will help you determine the solution for your treatment.

HANDLING

- Please refer to the safety data sheet of this product for precise handling instructions.
- The processing and use of industrial chemicals require adequate technical and professional knowledge.
- In general, avoid eye and skin contact, wear safety goggles, impervious gloves, boots, and protective clothing.
- In case of eye or skin contact despite precautionary measures, wash immediately and thoroughly with plenty of warm water and obtain medical attention.
- The use of a completely closed, piped-in system is the recommended method of addition of Moldex 45. Handle Moldex 45 in a work area equipped with a safety shower/eye wash station.



HAZARDS

Moldex 45 is corrosive to skin, eyes and mucous membranes, may be harmful if swallowed or inhaled and in addition, it is a sensitizer. Strict adherence to the handling recommendation in the product SDS are required.

SPILLS

Follow good housekeeping practices as with any chemical. Small spills or drips should be promptly deactivated (see Viance deactivation procedure) and cleaned to avoid inadvertent contact by those entering the work area.

STORAGE

Moldex 45 Mildewcide should be stored at room temperature in original containers. Protect from frost and heat. (32°F to 100°F) Storage at > 120°F for extended periods of time can result in degradation of the active ingredient. Any supplies which do freeze must be homogeneously mixed after thawing before they can be used without any loss in effectiveness.

TOXICOLOGY AND ENVIRONMENTAL FATE

Viance takes every measure to ensure that its products are safe for both man and the environment. In line with this policy, Viance can provide comprehensive toxicological data for Moldex® 45, which shows it is of low toxicity at recommended use levels.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Suggestions for use of our products, or the inclusion of descriptive material from patents and the citation of specific patents in this publication, should not be understood as recommending the use of our products in violation of any patents or as permission or license to use any patent of Viance, LLC. For more information on Viance products and services visit treatedwood.com.

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