

MOLDEX

Moldex® mildewcides are compounds for the temporary control of mold and mildew in treated wood building products. Moldex products are environmentally friendly and do not persist in the environment.

Moldex 45 is OIT-based and is used with the Viance brand Preserve® CA-C. Moldex 14 is CMIT- and MIT-based and is used with Viance brands TimberSaver® borate, D-Blaze® fire retardant treated wood, SupaTimber® CCA and Preserve CA-C.

Features and Benefits

Features

- Liquid product
- Highly active microbiocide
- Low environmental toxicity
- Global production capabilities

Benefits

- Easy to incorporate
- Low dosage required, cost effective
- Not persistent in the environment
- Good supply and availability

Composition

ACTIVE INGREDIENTS:

Moldex 45: Stable formulation containing 45% OIT (2-n-octyl-4-isothiazolin-3-one) by weight.

Moldex 14: Stable formulation containing 10.4% CMIT (5-chloro-2-methyl-4-isothiazolin-3-one) and 3.7% MIT (2-methyl-4-isothiazolin-3-one); 14.1% total by weight.

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 sampled regularly and the active level of Moldex products monitored and used 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, type C (CA-C) treating solutions.

Moldex 14 at a concentration in the range of 35 to 45 ppm of active ingredient is recommended for the control of mold in TimberSaver, D-Blaze fire retardant treated wood, SupaTimber CCA and Preserve CA-C.



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and mildew in treated wood
building products

Many factors such as humidity, air circulation, depth of penetration, moisture content, mildew and mold affects the performance of the treatment. Therefore the protection period cannot 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 these products 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 products.
- Handle Moldex in a work area equipped with a safety shower/ eye wash station.

Hazards

Moldex products are corrosive to skin, eyes and mucous membranes, and may be harmful if swallowed or inhaled. In addition, Moldex products are potential sensitizers. Strict adherence to the handling recommendation in the products' 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 products 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 products, which show they are 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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