

IHEIR-CM 除霉清洁剂 IHEIR-CM Anti-mold Cleaner

IHEIR-CM 除霉清洁剂简介

IHEIR-CM 除霉清洁剂为透明液体，由多种天然光亮剂、水解丝肽营养保护剂、油性成膜剂，采用纳米抗菌材料和有机安全高效抗菌剂复配而成。属于非释放型的处理剂，不渗失、不游移，也不会被微生物所消耗，以特殊的机械式杀菌（表面进行涂抹），将赋予处理后之基质优越之耐久性，并且对微生物抗菌具有独特的防护功能，以防止微生物所引起的危害，延长产品的使用寿命，并能强力去污、不伤皮面、防静电、快干、不留痕迹，且能使处理后饱满手感及增加产品价值感。作为耐久性抗微生物处理剂，它具有广泛的抗菌活性。对诸如霉菌、藻类和酵母菌都有耐久性抗菌效果。可广泛的使用于各种生产方式中，如批次式及连续式都能尽可能不改变制程及生产设备的条件下进行加工。具有常温下进行化学键结的性质，常温反应即可有效（涂抹方式），高温仍不被破坏。适用于竹木制品、轻工业工艺制品、长纤、短纤纤维和织物、天然皮革及人造皮革表面处理。可使用 BPB（溴酚蓝液）于各种生产制程中或终端成品，进行快速效果确认。

IHEIR-CM Anti-mold Cleaner introduction

IHEIR-CM Anti-mold Cleaner is transparent liquid, including many kinds of natural brightener, silk peptide nutrition protective agent and oil film-forming agent, using the nanometer anti-mildew material, organic secure and efficient anti-mildew agent to make up. Belongs to un-release treatment agent, no seepage lose, un-wobble, can't be consumed by the microbe. It kills the mildew in a special mechanical way (paint on the surface), will endow the matrix with endurance after finishing, and also has the special protective effort to the anti-mildew, so that to prevent harm from mildew, extend the lifetime of products. It also has more advantages such as strong cleaning, no hurt to product surface, prevention of static electricity, quick dry, leaving no trace, be full of handfeel and increasing the sense of worth etc after treatment. As durable antimicrobial agent, it has a wide antimicrobial activity, which is effective to anti-mildew (include mildew, algae, and microzyme). It can be widely used in the various modes of production, can process under the condition of unchanging the procedure and production equipment as much as possible for both of the batch and continuous type, with the character of chemical bonding in the normal temperature, valid in the normal temperature reflection (smear approach), avoid any damage even at high temperature. It is suitable for surface finishing of bamboo and wood products, arts and crafts of light industry, long fiber, short fiber, textile, natural leather, and imitation leather. And also use BPB (Bromophenol blue solution) in various process and end-use products on checking the quality quickly.

IHEIR-CM 除霉清洁剂的安全性

为了验证 IHEIR-CM 除霉清洁剂的安全性，曾进行了 18 项试验，对天竺鼠急性经口毒性 LD_{50} 为 12.27g/Kg，此值表示每公斤体重天竺鼠的半致死剂量为 12.27 克，为了比较起见，现举例加以说明。例如消毒上常用的烷基二甲基苯基氯化铵，其天竺鼠的 LD_{50} 为 0.48g/Kg，用作保存食品的添加剂山梨酸的天竺鼠的 LD_{50} 是 10.5g/Kg。我们每天食用的食盐的 LD_{50} 是 3.0g/Kg。显而易见 IHEIR-CM 除霉清洁剂是极为安全的，对人体的毒性极低。能达到 FDA 和欧洲的安全标准。结果是它的安全性获得了以严格著称的美国环境保护署（EPA）的许可，核准生产制造编号 EPA Est. 34292-MI-01，在美国环境保护局登记号 64881-1。

IHEIR-CM Anti-mold Cleaner safety

For checking the safety of IHEIR-CM Anti-mold Cleaner, 18 kinds of testings were ever made. Acute Oral Toxicity of guinea-pig, LD_{50} = 12.27g/kg, this indicates the sub-lethal dose of each kilogram guinea-pig is 12.27 kg. For the sake of contrast, here gives an example for explanation. Alkyl-phenyl-2-methyl ammonium chloride, which is Common use in disinfection, made the guinea-pig LD_{50} = 0.48g/kg. If test with food preserve additives, sorbic acid, then guinea-pig LD_{50} = 10.5g/kg. Salt, our daily consumption, its LD_{50} = 3.0G/KG. Obviously, IHEIR-CM Anti-mold Cleaner is extremely safe, has very little poisonous to human body, measured up to the FdA and European safety standard, and got the green light of EPA of USA (approved manufacturing number EPA Est. 34292-MI-01, EPA register no. 64881-1).

使用说明 instruction

IHEIR-CM 除霉清洁剂可被直接混配入有机和无机配方中。它也可被用于有机和无机基质的处理，其适用的溶剂有水、乙醇、酮类、酯类、烃类和氯代烃类。其处理方法为用软皮、抹布或毛刷沾少量 IHEIR-CM 除霉清洁剂擦拭竹木制品、轻工业工艺制品、长纤、短纤纤维和织物、天然皮革及人造皮革表面即可。并能除去水副产物甲醇。在使用之前，必须先进行生产规模的试验，以确定最佳应用工艺条件，诸如时间和温度条件等。

Instructions:

IHEIR-CM Anti-mold Cleaner can be mixed directly in organic and inorganic formula, and also be dealt with the organic and inorganic matrix. Its suitable solvent includes water, alcohol, ketones, esters, hydrocarbons and chlorinated hydrocarbons. For treatment, just take the soft leather, cleaning cloth or brush with a little IHEIR-CM Anti-mold Cleaner to clean the surface of bamboo and wood products, crafts of light industry, long fiber, short fiber, textile, nature leather, and imitation leather, it can also remove the water by-product of methanol. Production-scale test is necessary before use, to make sure the best application process condition such as time and temperature conditions.

IHEIR-CM 除霉清洁剂可提供用户如下的效益

IHEIR-CM Anti-mold Cleaner can solve the below problems:

- 可避免由细菌、霉菌、藻类和酵母菌等引起的变质或变色等问题。
- Avoid the metamorphism and color change problems from the fungus, algae, and microzyme.
- 能保持家具等物品的“新鲜性”，因为它能抑制或阻止致臭细菌和霉斑(霉菌)的生长。
- Maintain freshness of products like furniture, because it can control and prevent the growth of stinky bacteris and mildew.
- 能延长物品的使用寿命，因为它抑制细菌和霉菌的生长。
- Extend the product lifetime, for it can prevent the growth of mildew.
- 能使物品卫生洁净。
- Make the product clean.
- 处理结果经久不衰，能耐反复的清洁和护理。
- Endurable effort, be able to bear cleaning and care for many times.
- 由于其它化学保护性能，能防止异味产生。
- Other chemical protective value can prevent odor from generating.
- 在许可的用途范围内，与基质和工艺有良好的相溶性。
- Good compatibility between matrix and process in permissive use range.

急性皮肤吸收

IHEIR-CM 除霉清洁剂的急性皮肤吸收毒性极低，经天竺鼠试验，为 $LD_{50} > 7, 950$ 毫克/公斤体重，因此，在一般的工业操作条件下，只要小心并做好清洁，本品并不会导致皮肤吸收中毒，但建议还是在戴手套的情况下使用。

Acute skin absorption:

IHEIR-CM Anti-mold Cleaner has very little poisonous for the acute skin absorption, via the test of guinea-pig, its $LD_{50} > 7, 950$ mg/kg bw. Thus, in the normal industry operating condition, only need to be careful and clean well, It won't lead to dermal toxicity. But we suggest it is better to put on gloves to use it.

运输限制

Transport restrictions

根据 DOT 分类法，本品为易燃性物品。

According to the DOT classification, it is tinder.

包装

packing

IHEIR-CM 除霉清洁剂以净重 25 升/件容量之容器包装供应。

IHEIR-CM Anti-mold Cleaner for packing, net weight: 25L/Package.