



## MOLD CONTROL



**ITEM # 620-004**

### Product Specifications

Concrobium Mold Control® is a Health Canada registered solution that kills and prevents mold without any harmful chemicals. The colourless, odourless solution is used by professionals for:

- >Mold clean-up and prevention
- >Disaster restoration
- >Pre-treatment of building materials
- >Musty odour control

Concrobium Mold Control dries to form an invisible antimicrobial shield that encapsulates and physically crushes mold spores. The antimicrobial barrier remains on surfaces to provide continuous protection against mold growth.

#### Recommended Uses

Concrobium Mold Control can be used in homes, businesses, institutions, cottages, RVs, boats – anywhere that mold takes hold.

Disaster restoration - mold remediation and prevention following flooding and leaks

Construction and renovation – pre-treatment of building materials (e.g. drywall, lumber) for mold prevention; remediation of mold found during renovations

Specialty mold clean-up and prevention – Cars, RVs, boats, sporting equipment

Safe for use on virtually any surface (finished and unfinished): drywall, lumber, plaster, concrete, siding, shingles, composite decking, metal, marble, tile, grout, fabric, upholstery, furniture, and clothing.

Safe for use on hard surfaces and fabrics.

### Application Guidelines

**Application** – For best results, apply a thin, even coating of Concrobium Mold Control to the surface, and allow to dry thoroughly. Once dry, use product to clean any residual staining. If staining persists, use Concrobium Mold Stain Remover to completely remove all mold staining. Once mold stain has been removed, leave a thin, even coating of Mold Control on the surface to provide protection against future mold growth.

**Application techniques** – Roller, brush, rag, garden sprayer. Can also be applied with a cold fogging machine to treat large or inaccessible areas.

**Coverage** – Coverage varies according to surface and application method.

Fogging: approximately 1,400 sq ft. per gallon (the equivalent of a 20' x 20' room with 8 foot ceilings, all surfaces).

Spray (manual or compression sprayer): Approx. 500 sq. ft. per gallon depending on sprayer type and surface absorbency.

Expect reduced coverage on absorbent surfaces such as fabrics, carpet, lumber and unpainted drywall.

**Special application instructions** – Do not dilute. Do not rinse. Do not use bleach-based products in combination as this may reduce product efficacy.

**Handling** – No special controls, ventilation, or personal protective equipment is required while handling the product. To avoid applicator exposure to mold or mold spores during use, consult product label section: “PERSONAL PROTECTION EQUIPMENT REQUIREMENTS FOR APPLICATORS”.

**Storage** – Store containers between 39°F and 100°F. If product freezes, thaw and mix thoroughly.

## Physical Properties and Hazard Rating Information

Concrobium Mold Control is a patented solution comprised of three naturally-occurring salt compounds. The proprietary solution dries to form an invisible polymer that kills mold and prevents new mold growth. The solution does not contain any harmful chemicals and in independent lab tests received the safest toxicity rating possible (Category IV).

### HMIS/WHMIS Hazard Ratings

<b>Health</b>	<b>0</b>
<b>Fire</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Special</b>	<b>0</b>
<b>Ammonias:</b>	<b>None</b>
<b>Chlorines:</b>	<b>None</b>
<b>VOCs:</b>	<b>None</b>
<b>Alcohols:</b>	<b>None</b>

<b>Appearance:</b>	Clear liquid
<b>Odour:</b>	Odourless
<b>Boiling Range:</b>	212°F / 100°C
<b>Weight/US Gal:</b>	8.5 lbs (3.9 kg)
<b>Evaporation Rate:</b>	Slower than ether
<b>Vapor Density:</b>	Heavier than air
<b>pH:</b>	11.1 – 11.5

**Oral:** No known hazards in normal use. LD50 >5000 mg/kg  
**Dermal:** No known hazards in normal use. LD50 >5050 mg/kg  
**Eye Irritation:** No known hazards in normal use. Non-irritating  
**Skin Irritation:** No known hazards in normal use. Non-irritating  
**Inhalation:** No known hazards in normal use. LC50 >2.28 mg/L  
**Sensitization:** No known hazards in normal use. Not a sensitizer.

**Known or suspected carcinogens:** None

## Regulatory and Product Testing Information

**DIN Registration #: 02269996**

Test Method	Description	Results
ASTM Quantitative Carrier Test (QCT-2)	Fungicidal test against mold and fungi. Challenge organisms: <i>Aureobasidium pullulans</i> , ATCC 9348 and <i>T. mentagrophytes</i> , ATCC 9533	Achieved <b>&gt;99.9%</b> kill level. Meets Health Canada requirement for demonstrating fungicidal activity.
EPA Hard Surface Mildew Fungistatic Test	EPA standard to validate efficacy of product to control mold and fungal growth on hard nonporous surfaces including tiles, wood, drywall, plastic and metal. Challenge organism: <i>Aspergillus niger</i> , ATCC 6275	<b>No growth</b> on treated surfaces vs. 100% growth on control surfaces. Meets EPA requirement.
EPA Fabric Surface Mildew Fungistatic Test	EPA standard to validate efficacy of product to control mold and fungal growth on articles or surfaces composed of fabric. Challenge organisms: <i>Aspergillus niger</i> , ATCC 6275 and <i>Penicillium variable</i> , ATCC 32333.	<b>No growth</b> on treated surfaces vs. 100% growth on control surfaces. Meets EPA requirement.
ASTM D3273	Industry standard test to evaluate efficacy of product to resist mold in an environmental chamber. Challenge organisms: <i>Aureobasidium pullulans</i> ATCC 9348, <i>Aspergillus niger</i> ATCC 6275 and <i>Penicillium citrinum</i> ATCC 9849	Woven paper..... <b>No growth</b> Wood..... <b>No growth</b> Wood composite..... <b>No growth</b> Drywall..... <b>No growth</b>