

PRODUCT SPECIFICATION SHEET



Concrobium Mold Control® is an EPA-registered solution that eliminates and prevents mold without any harmful chemicals. The colorless, odorless solution is used by do-it-yourselfers and professionals for:

- > Mold clean-up during remodelling projects
- > Mold and mildew treatment while painting
- > Mold prevention in homes and facilities
- > Musty odor control in vulnerable areas

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.

General interior maintenance – bathtubs, bathroom tiles, countertops, shower stalls, laundry rooms, walls, ceilings, around windows; musty basements, crawlspaces and attics.

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; elimination of mold found during renovation.

Specialty mold clean-up and prevention – cars, RVs, boats and 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. For tough, embedded mold staining, use Concrobium Mold Stain Eraser™. Treat cosmetically with paint or other products if required. Leave a thin, even coating of product on surface to provide protection against mold.

For hard to reach places use Concrobium Mold Control Aerosol. The aerosol provides users with unique benefits not offered by traditional Mold Control formats. It is ideal for:

- > Hard to reach places (e.g. cupboards, under sinks, in closets; anywhere the traditional format spray would be awkward to apply)
- > Mid-sized mold treatment jobs (approx. 150 sq. ft.) where “trigger fatigue” can be a factor for traditional spray bottle application
- > Deodorizing musty areas
- > Treating fabric surfaces such as carpet, upholstery and curtains, due to its fine mist applicator

Application techniques – Spray bottle, aerosol spray, pump or garden sprayer, roller, brush or rag. Can also be applied with a cold (ULV) fogger to treat large or inaccessible areas.

Coverage – Coverage varies according to surface and application method.

Spray (manual or compression sprayer): 350-400 sq. ft. per gallon depending on sprayer type.

Fogging: approximately 1,400 sq. ft. total surface coverage (walls, floors, ceiling) per 1/2 gallon (the equivalent of a 20' x 20' room with 8 foot ceilings).

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



Physical Properties and Hazard Rating Information

Concrobium Mold Control is a patented solution comprised of naturally-occurring salt compounds. The proprietary solution dries to form an invisible polymer that eliminates existing mold and prevents new mold growth. In independent lab tests, Concrobium Mold Control received the safest toxicity ratings possible (Category IV).

HMIS/WHMIS Hazard Ratings

Health	0
Fire	0
Reactivity	0
Special	0
Ammonias:	None
Chlorines:	None
VOCs:	None
Alcohols:	None

Appearance:	Clear liquid
Odor:	Odorless
Boiling Range:	212°F / 100°C
Weight/US Gal:	8.5 lbs (3.9 kg)
Evaporation Rate:	Slower than ether
Vapor Density:	Heavier than air
pH:	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

EPA Registration #: 82552-1

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 >99.9% 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	No growth 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.	No growth 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..... No growth Wood..... No growth Wood composite..... No growth Drywall..... No growth