

MATERIAL HEALTH & SAFETY DATA SHEET

(Key: > = Greater than; < = Less than)

SECTION 1 - MATERIAL IDENTIFICATION & USE

Material Name: **MOLD & MILDEW PREVENTATIVE - Code 422**

Supplier: *Captain* PHAB Ltd.

Address: 613 Neal Drive
Peterborough, Ontario.
K9J 6X7

Emergency Telephone #: 705 748-0436

Chemical Name: n/a Molecular Weight: n/a

Chemical Family: Bacterial cultures Trade Name/Synonyms: Bacterial cultures

Chemical Formula: n/a Material Use: Prevention of mold & mildew growth.

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

<u>Hazardous Ingredients</u>	<u>Approximate Concentration %</u>	<u>C.A.S.N.A. or U.N. Numbers</u>	<u>"Exposure Limits"</u>	<u>LD₅₀ / LC₅₀ Specify Species & Route</u>
Viable bacterial cultures	60-100	n/d	n/d	n/d

(n/d = not determined)

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State: Liquid Specific Gravity: 1.01 Odour Threshold(ppm): n/a Odour & Appearance: Cherry - clear

Vapour Pressure (mm/Hg): n/a Vapour Density (Air=1) : n/a Evaporation Rate: -- Boiling Point (°C): 100 Freezing Point (°C): 0

Solubility in Water(20°C): Totally % Volatile (by volume): pH: 7.0 Density (g/ml): n/a Coefficient of water/oil distribution: n/a

SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No Water-based - Non-flammable

Means of Extinction:

Special Procedures:

Flash point(°C) & Method: Upper explosion limit(% by volume): Lower explosion limit (% by volume):

Auto Ignition Temperature(°C): Flammability Classification: Hazardous Combustion Products:

Chemical Sensitivity to Impact: Rate of Burning: Explosion Power: Sensitivity to Static Discharge:

SECTION 5 - REACTIVITY DATA

Chemical Stability : Yes Conditions:

Incompatibility to other substances: Yes Substances: Strong acids and bases. May inactivate some bacterial cultures.

Reactivity and under what conditions:

Hazardous Decomposition Products:

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SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: Skin Contact:X..... Skin Absorption:.....X..... Eye Contact:.....X.....
Inhalation Acute:..X..... Inhalation Chronic:..... Ingestion: X.....

Effects of Acute Exposure to Product: May cause eye or skin irritation. Organisms used are non-pathogenic, but infection possible in open wounds.
These organisms are susceptible to most antibiotics.

Effects of Chronic Exposure to Product: Effects not known. Limited toxicity. Degree of health hazard based on screening tests.

LD₅₀ of Product (Specify Species & Route) : Sensitization to Product: n/a

LC₅₀ of Product (Specify Species): Exposure limits of Product: not known

Irritancy of Product: Slight Synergistic materials: n/a

Carcinogenicity:..... Reproductive effects: Teralogenicity:..... Mutagenicity:.
Effects not known

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment:
Gloves: Rubber or vinyl Respiratory: Eye: Safety glasses if severe exposure Footwear: n/a
Clothing: Long sleeves -- Avoid skin contact.....Other:

Engineering Controls: Local exhaust

Leak & Spill Procedure: Small spills - Flush with large amounts of water.
Large spills - Use absorbent & place in disposal containers.

Waste Disposal: Follow local disposal regulations.

Handling Procedures & Equipment: Avoid eye & skin contact.

Storage Requirements: Keep in a cool, dry area. Avoid freezing.

Special Shipping Information: n/a

SECTION 8 - FIRST AID MEASURES

Skin: Remove contaminated clothing. Wash with soap & water. If irritation develops or persists - get medical attention.

Eyes: Flush with fresh water for 15 minutes. If irritation develops - seek medical attention.

Inhalation:

Ingestion: Do not induce vomiting. Rinse mouth with water. Drink large amounts of milk or water. Seek medical attention.

General advice:

24 HOUR EMERGENCY SERVICE CANUTEC - 613-996-6666 (collect)

SECTION 9 - PREPARATION DATE OF M.S.D.S.

Additional information/Comments: WHMIS Classification 2B. Health risk - slight

Sources Used: Culture manufacturers.

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