

## Product Description

**PRP BioCONTROL** is the biological based odour treatment to use for any of your heavy duty restoration deodorizing needs. PRP BioCONTROL has a highly concentrated amount of spore strains that are designed specifically for the restoration industries' toughest challenges such as post-mortems and trauma, protein fires, skunk and urine spills.

**PRP BioCONTROL** digests organic odours and moderate soil loads into water and carbon dioxide. In situations where heavy soil loads are present such as trauma and most multiple pet dwellings, you should use PRP BioFIRST to digest the soil load and use PRP BioCONTROL for the odour only.

**PRP BioCONTROL** contains no fragrance or deodorizers, which could trigger hypersensitivities in homeowners or pets.

**PRP BioCONTROL** begins the digestion process in areas of sustained moisture. This product must have wet contact with all odorous surfaces long enough to penetrate and digest the odour to be effective. Wet contact time will vary with porosity of the surface and the nature of the odor.

### DIRECTIONS

Apply PRP BioCONTROL with a wet ULV fog (no thermal fog) or a sprayer application to accomplish the above. An electromagnetic sprayer or 'magnet sprayer' can be an effective tool for application especially after protein fires.

#### Dilution Ratios:

**For heavy duty applications:** dilute product 3 parts water to 1 part PRP BioCONTROL (1:3).

**For medium duty applications:** dilute product 10 parts water to 1 part PRP BioCONTROL (1:10).

If the surfaces are already wet, then increase your concentration of PRP BioCONTROL accordingly. Keep the surface moist with diluted product as required, or until odour is no longer present.

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **BIOCONTROL**

WHMIS CODE: D2B

Product Use: *Biological-based  
restoration deodorizer*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

### HMIS

1	Health
0	Flammability
0	Reactivity
B	Personal

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

M-chem Technologies Inc.  
1607 Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

### EMERGENCY PHONE

Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

### INGREDIENT

### CAS NO.

### RANGE %

### PEL

### TLV

**NO HAZARDOUS INGREDIENTS - THIS FORMULATION CONTAINS NO REPORTABLE HAZARDOUS INGREDIENTS LISTED UNDER WHMIS**

### OTHER INGREDIENTS:

Viable Bacterial Cultures

N/A

N/A

N/A

N/A

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Pale cloudy tan, mild odour

**Boiling Point:** N/D

**Vapor Pressure (mm HG):** N/D

**pH:** 7.5 +/- 0.5

**Physical State:** Liquid.

**Melting Point:** N/A

**Vapor Density:** N/D

**Specific Gravity:** 1.00 @ 20°C

**Coef. Water/Oil Dist:** Greater than 1.0

**Evaporation Rate:** N/D

**Solubility in Water:** Soluble

**Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)

**Sensitivity to Mechanical Impact:** None.

**Extinguishing Media:** Not flammable.

**Flammable Limits:** None known.

**Sensitivity to Static Discharge:** None.

**Auto ignition Temperature:** None known.

**Unusual Fire and Explosion Hazards:** None.

**Conditions of Flammability:** None.

**Hazardous Combustion Products:** None known.

**Special Fire Fighting:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.

**Hazardous Polymerization:** Will not Occur.

**Incompatibility (material to avoid):** None known.

**Hazardous Decomposition Products:** None known.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.

**Routes of Entry:** Skin and eyes contact, ingestion.

**Irritancy of Product:** May be irritating to skin and eyes.

**Carcinogenicity:** None known.

**Sensitization:** None known.

**Mutagenicity:** None known.

**Teratogenicity:** None known.

**Reproductive Toxicity:** None known.

**Name of Toxicological Synergistic Product:** None known.

**Effects of Chronic Exposure:** Dermatitis and skin sensitization may occur.

**Effects of Acute Exposure to Product:** May be irritating to eyes and skin.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Normally not required. However, if product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.

**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.

**Protective Gloves:** Use rubber or plastic gloves when handling the concentrated product.

**Eye Protection:** Chemical goggles, safety goggles or face shield.

**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.

**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.

**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.

**Waste Disposal Method:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

**Special Shipping Information:** Store at temperature between 2-30°C and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

### First Aid:

If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: 604-526-5655

LAST UPDATE: 07/04/11

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE