



# Good-Bye

Biological Liquid Odour Control

## Product Information

**GOOD-BYE** uses bio-based cleaning technology to eliminate organic odours and does not contain any caustics, acids or solvents. This product quickly and effectively neutralizes organic odours then digests and eliminates the cause of the odour.

**GOOD-BYE** is designed for multiple use applications such as waste areas, garbage bins, trucks transporting wastes, institutional bathrooms, sinks, urinals, floors, fitness facilities and sports equipment. **GOOD-BYE** also deodorizes organic odours generated by urine, food and tobacco smoke from fabric, carpets, animal and pet areas.

### SHAKE WELL BEFORE USING:

Step One: Remove visible organic matter and dirt using a pressure sprayer and water.

Step Two: Apply the appropriate dilution of **GOOD-BYE** over entire surface and do not rinse. Allow to work for 5-10 minutes for best results.

Repeat application whenever additional odour-causing organics are added to the surface.

### Heavy Duty:

Dilute **GOOD-BYE** 1:1 (1000 ml/L) (128oz/US gallon) with water and spray generously on previously cleaned surface. Let air dry.

### Medium Duty:

Dilute **GOOD-BYE** 1:5 (200 ml/L) (25 oz/US gallon) with water and spray generously on previously cleaned surface. Let air dry.

### Light Duty:

Dilute 1:32 or 1:64 (16-32 ml/L) (2-4 oz/US gallon) with water.

**GOOD-BYE** is available in 4x3.78L cases.

Contact your local sales representative or visit [www.chemecology.com](http://www.chemecology.com) for more information.

M-chem Technologies Inc.  
1.800.663.9925  
[www.mchem.com](http://www.mchem.com)

Maxim Chemical International Ltd.  
1.800.667.9915  
[www.maximchemical.com](http://www.maximchemical.com)



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **GOOD-BYE**

WHMIS CODE: D2B  
 Proper Shipping Name: N/A  
 Hazard Class: N/A  
 UN Number: N/A

Product Use: *Biological-based deodorizer*

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
<b>NO HAZARDOUS INGREDIENTS - THIS FORMULATION CONTAINS NO REPORTABLE HAZARDOUS INGREDIENTS LISTED UNDER WHMIS</b>				
<b>OTHER INGREDIENTS:</b> Viable Bacterial Cultures	N/A	N/A	N/A	N/A

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Cloudy tan colour, fresh scent.      **Boiling Point:** N/D      **Vapor Pressure (mm HG):** N/D      **pH:** 7.0 +/- 0.5  
**Physical State:** Liquid.      **Melting Point:** N/A      **Vapor Density:** N/D      **Specific Gravity:** 1.00 @ 20°C  
**Coeff. 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