



# MATERIAL SAFETY DATA SHEET (MSDS)

## Bio-Bac II

**Bio-Based Cleaner, Degreaser & Deodorizer**

**Non-Acid Cleaners**



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Bio-Bac II		Bacillus Based Cleaner, Degreaser & Deodorizer		Not Applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
<b>Appearance</b>	<b>Odour</b>	<b>pH</b>	<b>Boiling Point</b>	<b>Specific Gravity</b>	<b>Solubility in Water</b>
Hazy tan coloured liquid	Floral	7.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
<b>Flash Point (°C):</b> None			<b>Extinguishing media:</b> Not Applicable		
<b>Special fire fighting procedures:</b> None					
<b>Unusual fire and explosion hazards:</b> None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
<b>HAZARD RATING:</b> Health = 1 Flammability = 0 Reactivity = 0					<b>Rating System</b> 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
<b>Swallowing:</b> Slightly Toxic.					
<b>Inhalation:</b> Not Applicable					
<b>Skin Absorption:</b> Not Applicable					
<b>Skin Contact:</b> May cause slight irritation.					
<b>Eye Contact:</b> May cause slight irritation.					
<b>Special Warning:</b> None					
SECTION VI ▶ FIRST AID MEASURES					
<b>Ingestion:</b> Drink 3-4 glasses of milk or water. If irritation persists, call a physician.					
<b>Inhalation:</b> Not Applicable					
<b>Skin:</b> Flush with water.					
<b>Eyes:</b> Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
<b>Stable:</b> Yes					
<b>Conditions to avoid:</b> None					
<b>Incompatibility with other materials:</b> None					
<b>Hazardous decomposition products:</b> None					
<b>Hazardous polymerization:</b> Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
<b>Hand protection:</b> No					
<b>Eye protection:</b> No					
<b>Ventilation:</b> General					
<b>Respiratory protection:</b> None					
<b>Other protective equipment:</b> None					
<b>Steps to be taken in case material is released or spilled:</b> Mop up spillage. Rinse spill area with water and allow to dry.					
<b>Waste disposal method:</b> Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
<b>Precautions to be taken in handling and storage:</b> Normal handling processes. Inside storage at 4-40 °C recommended.					
<b>Other precautions:</b> Follow label use instructions.					
<b>UN:</b> Not Applicable		<b>TDG Class:</b> None		<b>Packing Group:</b> Not Applicable	
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
<b>Prepared by:</b> M. Mikoluk			<b>Last updated:</b> June 1, 2015		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Bio-Bac II

## Bio-Based Cleaner, Degreaser & Deodorizer

“Continued use of Bio-Bac II provides a safe and efficient way to maintain clean, sanitary and odour free surfaces. The “people friendly” bacteria keep on working long after Bio-Bac II’s initial application.”

### FEATURES AND BENEFITS

**Reduced environmental Impact:** ECOLOGO Certified UL 2792 - Cleaning and Degreasing Compounds - Biologically-based.

**Bacillus Based:** A blend of surfactant and bio-cleaning agents (bacillus) that provide a revolutionary cleaning solution. It penetrates hard surfaces to remove organic soils, in a safe and efficient way.

**D.S.T. Surfactant :** Dustbane’s exclusive biotechnological surfactant.

**Deodorizes:** Destroys odours at their source.

### WHERE TO USE

Use Bio-Bac II on any hard surface where organic soils accumulate including kitchens, restaurants, washrooms, drains, dumpsters, garbage pails, carpet stains, areas where human excrement can be an issue such as subway and bus stations, etc.

### HOW TO USE

Gently shake before using. Mix Bio-Bac II with potable unheated tap water according to the dilution rates mentioned below.

#### Recommended Dilution Rates

ECOLOGO (Certified UL 2792)	1:120
Odour Control	1:120
Light Soil	1:80
Medium Soil	1:40
Heavy Soil	1:20
Carpet Spotter	1:120
Parts Cleaning	1:40-1:80

*Note: This product can be diluted in many different configurations and will deliver superior cleaning results. The diluted solution of Bio-Bac II must be used within 24-48 hours.*

### SPECIFICATIONS

**Appearance:** Hazy tan coloured liquid

**Fragrance:** Floral

**pH (conc.):** 7.5

**Solvent:** None

**Phosphate:** None

**Spore count:** 210 Billion CFU’s/4L

**WHMIS:** No

**TDG:** No

**CFIA Approved:** Yes