



MATERIAL SAFETY DATA SHEET (MSDS)

Bio-Bac II

Bio-Based Cleaner, Degreaser & Deodorizer

Non-Acid Cleaners



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