



# MATERIAL SAFETY DATA SHEET (MSDS)

## Emerald M4

**Hard Surface Cleaner and Degreaser**

**Degreasers**



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Emerald M4		Liquid Degreaser		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>
Clear green liquid	Unscented	10.5	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. 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> None					
<b>Eye protection:</b> None					
<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					

# Emerald M4

## Hard Surface Cleaner and Degreaser

“Emerald’s safe yet powerful formula effectively cuts through grease, oil and heavily soiled surfaces, while having a reduced environmental impact. Its buffered pH ensures cleaning efficiency during entire cleaning task. Solvent free.”

### FEATURES AND BENEFITS

**Reduced environmental impact :** ECOLOGO Certified UL 2759 - Hard Surface Cleaners.

**Buffered pH:** Has a stable pH level, ensuring cleaning efficiency during entire cleaning task.

**Versatile:** Can be mopped on or used with automatic scrubbers.

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

**Economical:** Effective when diluted.

**Spill-Resistant Protection:** Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

### WHERE TO USE

Excellent for floors, painted walls, woodwork, ceramic tile or metal.

### HOW TO USE

Dilute with unheated tap water according to the dilution rates listed below. Apply with a sprayer, sponge, mop or cloth.

#### Recommended Dilution Rates:

Degreaser	1:160
Light Duty	1:120
Regular Duty	1:40
Heavy Duty	1:20

#### Neutral Floor Cleaning application:

Light	1:256
Normal	1:160
Heavy Duty	1:120

*Note: Adjust rates to suit your cleaning needs.*

### SPECIFICATIONS

**Appearance:** Clear green liquid

**Fragrance:** Unscented

**Viscosity:** As water

**pH (conc.):** 10.5

**APE:** None

**VOC:** None

**Solvent:** None

**Phosphate:** None

**WHMIS:** No

**TDG:** No

**CFIA Approval:** Yes