

# Material Safety Data Sheet



THIS MATERIAL SAFETY DATA SHEET MEETS OR EXCEEDS THE REQUIREMENTS OF THE CANADIAN CONTROLLED PRODUCT REGULATIONS (WHMIS)

## SECTION 01 : PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name.....	GREEN BUSTER
Product Identifier .....	B17-247
Manufacturer.....	Waterbased Solutions
	Unit #6 20030 Stewart Crescent Maple Ridge,
	BC V2X 0T4 Canada 604-465-8028
Prepared By .....	Senior Chemist
Preparation Date .....	November 2013
Emergency Phone #.....	(604) 215-1888
Revision Number.....	00002
Material Use .....	Water/Quaternary ammonium solutions

## SECTION 02 : COMPOSITION

Proprietary Formula: CONTAINS NO COMPONENTS THAT ARE REPORTED TO BE CARCINOGENIC TO HUMANS BY ANY REFERENCE SOURCE INCLUDING, IARC, OSHA, NTP & EPA. NONE OF THE COMPONENTS OF THE GREEN BUSTER MONUMENTAL CLEANING SOLUTION APPEAR ON ANY OF THE EPA'S LISTS OF TOXIC OR HAZARDOUS SUBSTANCES.

## SECTION 03 : HAZARDOUS INGREDIENTS

### ROUTES OF ENTRY:

SKIN CONTACT: Moderate      EYE CONTACT: Moderate      INGESTION: Moderate      INHALATION: Minor

**ACUTE HEALTH EFFECTS:** DIRECT CONTACT MAY CAUSE MINOR IRRITATION OF SKIN. IN PERSONS PREDISPOSED TO SKIN PROBLEMS, MINOR RASH MAY OCCUR. CONTACT WITH THE EYES MAY CAUSE SEVERE IRRITATION, OR BURNING AFFECTING CORNEAL OPACITY. ALTHOUGH INGESTION IS NOT A TYPICAL ROUTE OF ENTRY, INGESTING SMALL AMOUNTS MAY CAUSE ABDOMINAL DISCOMFORT. INHALATION OF VAPOURS MAY CAUSE DIZZINESS, HEADACHE, NAUSEA, AND DIFFICULTLY BREATHING. IF MISTED, INHALATION WILL CAUSE SEVERE IRRITATION OF THE UPPER RESPIRATORY TRACT, AND LUNG SENSITIZATION.

**CHRONIC HEALTH EFFECTS:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

**HAZARD RATING (0-minimal, 1-slight, 2-moderate, 3-high, 4-extreme) Health 1- Flammability 0-Reactivity 0.**

## SECTION 04 : FIRE AID MEASURES

Eye Contact .....	Flush eyes with a directed cold water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Consult a physician.
Skin Contact .....	Wash affected area with soap and water and rinse thoroughly. If irritation develops obtain medical attention.
Ingestion .....	Procedures not normally needed. If large quantities are ingested, seek medical advice.
Inhalation.....	Remove to fresh air. Consult a physician.
Effects of Acute Exposure: .....	See above

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<i>Effects of Chronic Exposure:</i> .....	Human industrial experience has shown no significant inhalation hazard or skin irritation when good personal hygiene practices are followed. Not available
<i>Inhalation Chronic:</i> .....	
<i>Protective Equipment:</i> .....	
Gloves: .....	Latex, neoprene, or pvc gloves
Respiratory/Type .....	A NIOSH/MSHA approved respirator as necessary. Organic vapor type.
Eye/Type .....	Splash proof goggles
Footwear/type .....	Rubber boots
Clothing/type .....	Adequate protective clothing—example: Heavy Duty Rain suit
Other/type .....	Eye wash facility should be in close proximity. Emergency shower should be in close proximity.
Sensitivity to static: .....	N/A
Discharge: .....	
Sensitivity to impact: .....	N/A
Rate of burning: .....	Not Applicable
Explosive power:.....	Not Available

**SECTION 05 : FIRE FIGHTING MEASURES**

<i>FLASH POINT:</i> .....	>96 Degree Celsius
<i>AUTOIGNITION TEMPERATURES</i> .....	NOT APPLICABLE SEE INFORMATION UNDER FIRE FIGHTING INSTRUCTIONS
<i>LOWER EXPLOSIVE LIMIT:</i> .....	NOT APPLICABLE
<i>UPPER EXPLOSION LIMIT:</i> .....	NOT APPLICABLE
<i>SENSITIVITY TO IMPACT:</i> .....	NOT SENSITIVE
<i>SENSITIVITY TO STATIC DISCHARGE:</i> .....	NOT SENSITIVE
<i>FIRE EXTINGUISHING MEDIA</i> .....	Use water only, or soapy water.

**SECTION 06 : ACCIDENTAL RELEASE MEASURES**

*PERSONAL PROTECTION:* See section 8 for proper protective equipment to be worn while cleaning and accidental spill.

*ENVIRONMENTAL PRECAUTIONS:* Not to expect to have any environmental impact.

*CLEANUP PROCEDURES:* Take precautions to prevent entry of the product into the environment. Absorb onto sand or other inert absorbent media. Shovel into approved closable waste containers for disposal. Thoroughly flush with water.

**SECTION 07 : HANDLING AND STORAGE**

*HANDLING PROCEDURES:* Use in and adequately ventilated area. Keep container tightly closed when not in use. Avoid methods of use that will cause misting of product. Launder clothing before reuse. Wash face and hands thoroughly after handling and before eating, drinking, or using tobacco products. Keep from freezing.

*STORAGE:* Store in cool, dry place and in an upright position to prevent leakage and away from acids.

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### SECTION 08 : EXPOSE CONTROLS, PERSONAL PROTECTION

**ENGINEERING CONTROLS:** *If used indoors, ensure adequate ventilation by using local exhaust.*

**RESPIRATORY PROTECTION:** *If product is atomized, or heated to product vapors, use a NIOSH approved organic vapor respirator. When cartridge type respirators are used, ensure that the cartridges are changed frequently.*

**EYE AND FACE PROTECTION:** *Chemical splash proof goggles must be worn at all times.*

**FOOTWEAR:** *Rubber boots*

**OTHER:** *Eye wash station should be located near work area.*

### SECTION 09 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State:.....	Liquid
Chemical Family .....	Mixture
Odor .....	Soap
Odor/Appearance .....	Clear
Vapor Pressure (MMHG).....	N/A
Vapor Density (air =1) .....	Not Applicable
% Solid by volume .....	6
% Solid by weight .....	8
Evaporation Rate.....	N/A
Boiling Point .....	>100 degree Celcius
Freezing Point .....	N/A
PH .....	5.8-7.2
Specific Gravity (water = 1) .....	1.0
Solubility in Water (% W/W) .....	Light
VOC (g/l) .....	0g/l

### SECTION 10 : STABILITY AND REACTIVITY

**CHEMICAL STABILITY AND REACTIVITY:** *Product is stable. Product may react with strong mineral acids.*

**INCOMPATIBILITY:** *Strong oxidizing agents. Strong reducing agents*

**HAZARDOUS DECOMPOSITION PRODUCTS:** *Oxides of carbon and nitrogen. When mixed acids, the release of hydrogen in and exothermic reaction may take place.*

**HAZARDOUS POLYMERIZATION:** *Hazardous polymerization will not occur.*

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### SECTION 11 : TOXICOLOGICAL INFORMATION

**ACUTE EXPOSURE:** *Theoretical oral LD50 for the product is greater than 7844mg/kg (oral/rat). The LC50 is not available.*

<b>CHRONIC EXPOSURE:</b> .....	See section 3.
<b>EXPOSURE LIMITS:</b> .....	See section 2.
<b>IRRITANCY:</b> .....	See section 3.
<b>SENSITIZATION:</b> .....	Not available
<b>CARCINOGENICITY:</b> .....	Not available
<b>TERATOGENICITY:</b> .....	Not available
<b>REPRODUCTIVE TOXICITY:</b> .....	Not available
<b>MUTAGENICITY:</b> .....	Not available
<b>SYNERGISTIC PRODUCTS:</b> .....	None reported

### SECTION 12 : ECOLOGICAL INFORMATION

<b>ENVIRONMENTAL TOXICITY:</b> .....	<i>none of the components of GREEN BUSTER of Green Buster are on any of the EPA'S lists of toxic or hazardous substances.</i>
<b>BIODEGRADABILITY:</b> .....	<i>Ingredients using are biodegradable.</i>

### SECTION 13 : DISPOSAL CONSIDERATIONS

**CANADIAN ENVIRONMENTAL PROTECTION ACT:** *All ingredients are listed on the DSL. Dispose according to all local, provincial and federal requirements.*

### SECTION 14 : TRANSPORT INFORMATION

**CANADIAN TRANSPORTATION OF DANGEROUS GOODS REGULATION:** NOT REGULATED  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** NOT REGULATED

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**INTERNATIONAL MARITIME ORGANIZATION (IMO):** NOT REGULATED

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### SECTION 15 : REGULATORY INFORMATION

**CANADIAN FEDERAL REGULATIONS:**

**CANADIAN ENVIRONMENTAL PROTECTION ACT:** All ingredients are on the Domestic Substances List.

**WHMIS CLASSIFICATION:** Class D; Div.2; Subdivision B

### SECTION 16 : OTHER INFORMATION

**PREPARATION DATE:** September, 2013  
**PREPARE BY:** Senior Chemist  
**REVISION:** 1  
**REFERENCE:** MSDS from Univar Supplier

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