




# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product:</b>	<b>BELLATRIX®</b>	<b>Part Number:</b> 3335-000
<b>Manufacturer:</b>	<b>W. R. Meadows® of Canada</b>	<b>Address:</b> 70 Hannant Court Milton, Ontario Canada L9T 5C1
<b>Telephone:</b>	(905) 878-4122	In case of emergency, dial (800) 424-9300 (CHEMTREC)
<b>Revision Date:</b>	8/20/2015	
<b>Product Use:</b>	Concrete Enhancer	

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
Health	1   WARNING!
Flammability	0   Skin and respiratory irritant.
Reactivity	0   May cause an allergic skin reaction.
Personal Protection	May cause damage to liver, lungs, kidneys, reproductive organs.
<b>PRECAUTIONARY STATEMENTS</b>	
Avoid direct contact/breathing mists.	
Wear appropriate personal protective equipment.	



## SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL @25°C
1. Dibutyl Phthalate	84-74-2	1-5	Yes	0	0.5
2. Ethylene Glycol Monobutyl Ether	111-76-2	1-5	Yes	0.66	1.1
3. Diethylene Glycol Monomethyl Ether	111-77-3	1-5	Yes	0.2	1.38

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Direct contact may result in mild to moderate irritation. Corneal injury is unlikely.

**SKIN CONTACT:** Direct contact may cause mild skin irritation. Skin sensitization reactions are possible. Prolonged/repeated contact may result in skin irritation and dermatitis.

**INHALATION:** Exposure to mists/sprays may cause irritation of the respiratory tract.

**INGESTION:** Not anticipated to be an exposure route. If ingested irritation of the gastrointestinal tract may occur. Signs of central nervous system depression (headache, fatigue, drowsiness, dizziness, and loss of coordination) may occur.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** > 92 degrees C

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, or carbon dioxide.

**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Full fire fighting gear with self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Evacuate hazard area of unauthorized personnel. Eliminate source of leak if safe to do so. Dike/contain. Place spill materials in sealed/marked containers for proper disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact.

**SAFE STORAGE:** Keep containers closed when not in use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Dibutyl Phthalate	5 mg/m <sup>3</sup>	N/E	N/E	No	5 mg/m <sup>3</sup>	N/E	N/E	No
2. Ethylene Glycol Monobutyl Ether	50 ppm	N/E	N/E	Yes	20 ppm	N/E	N/E	Yes
3. Diethylene Glycol Monomethyl Ether	N/E	N/E	N/E	No	N/E	N/E	N/E	No

N/E: Not Established

**ENGINEERING CONTROLS:** None required under normal conditions of use.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

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<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>		
<b>BOILING POINT:</b> 100°C (for water)	<b>VAPOR DENSITY:</b> > 1 (air=1)	<b>% VOLATILE BY VOLUME:</b> N/E
<b>EVAPORATION RATE:</b> N/E	<b>pH LEVEL:</b> N/E	<b>% VOLATILE BY WEIGHT:</b> N/E
<b>WEIGHT PER GALLON:</b> 8.46	<b>PRODUCT APPEARANCE:</b> Opaque liquid	<b>VOC CONTENT:</b> 217 g/L
<b>ODOR:</b> None	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> See Section 5	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D		N/D: Not Determined
<b>SECTION 10: STABILITY/REACTIVITY</b>		
<b>STABILITY:</b> Stable.	<b>HAZARDOUS POLYMERIZATION:</b> Will not occur.	
<b>CONDITIONS AND MATERIALS TO AVOID:</b> Strong oxidizing agents.		
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Carbon monoxide, carbon dioxide, and incomplete combustion products.		
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>		
<b>EYE CONTACT:</b> Flush eyes with water for fifteen minutes. If irritation persists, seek medical attention.		
<b>SKIN CONTACT:</b> Remove contaminated clothing/shoes. Cleanse affected areas with mild soap and water. If irritation persists, seek medical attention.		
<b>INHALATION:</b> Remove victim from exposure source. Treat symptomatically.		
<b>INGESTION:</b> Dilute with two glasses of water unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent lung aspiration. Seek immediate medical attention.		
<b>SIGNS AND SYMPTOMS:</b> Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.		
<b>AGGRAVATED MEDICAL CONDITIONS:</b> Pre-existing lung, liver, kidney, blood, and reproductive organ conditions may be aggravated by exposure to this product.		
<b>OTHER HEALTH EFFECTS:</b> Target organs include reproductive organs, liver, and kidneys.		
<b>SECTION 12: ECOLOGICAL INFORMATION</b>		
<b>ECOTOXICITY:</b> N/E	<b>DEGRADABILITY:</b> N/E	<b>BIOACCUMULATIVE POTENTIAL:</b> N/E
<b>SOIL MOBILITY:</b> N/E	<b>OTHER ADVERSE EFFECTS:</b> N/E	
<b>SECTION 13: WASTE DISPOSAL INFORMATION</b>		
<b>WASTE DISPOSAL INFORMATION:</b> Product is classified as a non-hazardous waste for disposal purposes.		
<b>SECTION 14: TRANSPORTATION INFORMATION</b>		
<b>HAZARDOUS/NON-HAZARDOUS MATERIAL:</b> Non-hazardous.		
<b>UN NUMBER:</b> None.	<b>HAZARD CLASS:</b> None.	<b>PACKING GROUP:</b> None.
<b>UN PROPER SHIPPING NAME:</b> None.		
<b>ENVIRONMENTAL HAZARDS:</b> None recognized.		
<b>BULK TRANSPORTATION INFORMATION:</b> Not applicable. Product is not shipped in bulk configuration.		
<b>SPECIAL PRECAUTIONS:</b> None recognized.		
<b>SECTION 15: REGULATORY INFORMATION</b>		
<b>OTHER REGULATORY CONSIDERATIONS:</b> None.		
<b>SECTION 16: OTHER INFORMATION</b>		
<b>PREPARATION DATE:</b> 8/20/2015		
<b>PREPARED BY:</b> Dave Carey		

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.