

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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<b>PRODUCT NAME</b>	BIOREMOVE Biodegradable multipurpose detergent / degreaser
<b>MSDS REVISION NUMBER</b>	1
<b>MANUFACTURER</b>	Flowcrete SA (Pty.) Ltd. 176 Voortrekker Street Jacobs 4052
<b>TELEPHONE NUMBER</b>	(031) 461 3411
<b>EMERGENCY TELEPHONE NUMBER(S)</b>	Rob Weyers (011) 394 1980
<b>SYNONYMS</b>	None
<b>UN NUMBER</b>	BioRemove is not considered hazardous for transportation.
<b>DATE PREPARED</b>	15 March 2013

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### SECTION 2 - COMPOSITION

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<b>HAZARDOUS COMPONENTS</b>	None.
<b>R - PHRASES</b>	R 22
<b>S - PHRASES</b>	S 2 / 62

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### SECTION 3 - HAZARDS IDENTIFICATION

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<b>FLAMMABILITY</b>	Minimal
<b>HEALTH EFFECTS - EYES</b>	Only a slight eye irritant.
<b>HEALTH EFFECTS - SKIN</b>	No irritation expected.
<b>HEALTH EFFECTS - INGESTION</b>	Harmful if swallowed.

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## SECTION 4 - FIRST AID MEASURES

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### EYE CONTACT

Hold eye lids apart and immediately flush with plenty of water for at least 15 minutes. If irritation continues, seek medical attention immediately.

### INGESTION

Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical attention immediately.

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## SECTION 5 - FIRE FIGHTING MEASURES

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### FIRE RATING

Minimal

### REACTIVITY

Minimal

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS

Wear gloves and eye protection.

### SPILL CLEAN-UP PROCEDURE

Contain or dyke the entire perimeter of the contaminated area. Working from the outer circumference of the contained spill area, absorb the product with sand or sawdust. Collect and dispose of contaminants in accordance with the Local and National By-laws. Rinse residue to sewer / effluent with plenty of water.

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## SECTION 7 - HANDLING AND STORAGE

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### STORAGE

Keep in cool, dry, ventilated storage and in closed containers.

### HANDLING

Avoid contact with eyes. Do not ingest. When handling, do not eat, drink or smoke.

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## SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

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<b>EYE PROTECTION</b>	Wear safety glasses or goggles. Provide readily accessible eye wash stations.
<b>INGESTION PROTECTION</b>	Wash before eating, drinking or smoking. Observe the rules of hygiene.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>PHYSICAL FORM</b>	Mobile liquid
<b>ODOUR</b>	Detergent like smell
<b>pH</b>	11 - 12
<b>BOILING POINT</b>	No data
<b>MELTING POINT</b>	No data
<b>FLASH POINT</b>	> 100 °C
<b>FLAMMABILITY</b>	Minimal
<b>VAPOUR PRESSURE</b>	No data
<b>SPECIFIC GRAVITY</b>	1.00
<b>SOLUBILITY IN WATER</b>	Completely - 100%

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## SECTION 10 - STABILITY AND REACTIVITY

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<b>CHEMICAL STABILITY</b>	Stable
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None

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## SECTION 11 - TOXICOLOGICAL PROPERTIES

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<b>ACUTE ORAL TOXICITY (LD50, RAT)</b>	No data
<b>ACUTE DERMAL TOXICITY (LD50, RABBIT)</b>	No data
<b>ACUTE INHALATION TOXICITY (LD50, RAT)</b>	No data
<b>EYE AND SKIN CONTACT</b>	Slight eye irritant. No skin irritation expected.
<b>CARCINOGENICITY</b>	Not a known carcinogen

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## SECTION 12 - ECOLOGICAL INFORMATION

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BioRemove is readily biodegradable. No long term adverse effects in the aquatic environment is known.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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### WASTE DISPOSAL

Use a reputable waste disposal contractor. Waste disposal measures must comply with all Local and National By-laws.

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## SECTION 14 - TRANSPORT INFORMATION

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### UN NUMBER

BioRemove is not considered hazardous for transportation.

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## SECTION 15 - REGULATORY INFORMATION

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### RISK (R) PHRASES

R 22 - Harmful if swallowed.

### SAFETY (S) PHRASES

S 2 - Keep out of reach of children  
S 62 - If swallowed, do not induce vomiting. Seek medical advice immediately.

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## SECTION 16 - OTHER INFORMATION

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While BioRemove is not hazardous, always ensure precautions are taken. In cases of any discomfort always seek medical advice.

All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for error of omission or the consequences thereof.