



<b>Material Safety Data Sheet</b>	<b>Product Name:</b> BM-310 E
	<b>Product Code:</b> BM-310 E
<b>Date of Issue:</b>	2 January 2019
<b>1 Product Information</b>	<i>Sections 1 to 4 may be used as an emergency safety sheet</i>
Chemical Family	Aqueous surfactant blend.
Chemical Name	Surfactant blend, dust suppressing agent
Synonyms	n/a
Haz Chem Code	None
UN Number	n/a
<b>Company Information</b>	
Manufacturer	Benmarc Environmental (Pty) Ltd
Telephone	+27 (0)071 672 2199 (Chris Otto) +27 (0)76 586 0719 (Annelise Cockeran)
Address	Unit 3, The Gables Office Estate, Tennis Road, Weltevreden Park, 1709, Gauteng, South Africa.
<b>2 Composition</b>	
	A propriety blend of non-ionic and anionic surfactants
Hazardous Components	None
EEC Classification	None
R Phrases	R36
<b>3 Hazardous Identification</b>	
Main Hazard	Not hazardous
Flammability	Not flammable
Chemical Hazard	n/a
Biological Hazard	None
Reproduction Hazard	None
Health – Eyes	May cause irritation
Health – Skin	May cause irritation
Health – Ingestion	May cause stomach upset
Health - Inhalation	None known
Carcinogenic	Not carcinogenic
Mutagenicity	Not mutagenic
Neurotoxicity	Not neurotoxic
<b>4 First Aid Measures</b>	
Product in Eye	Flush with copious amounts of water. Get medical attention if necessary
Product on Skin	Wash with water
Product Ingested	Drink 2 glasses of milk or water. Do not induce vomiting. Get medical attention if necessary
Product Inhaled	None necessary under normal operation measures
<b>5 Fire Fighting Measures</b>	
Extinguishing Media	Dry powder, carbon dioxide, foam
Special Hazards	None
Protective Clothing	Full protective clothing for large fires

<b>6 Accidental Release Measures</b>	
Personal Precautions	Wear rubber gloves and impervious clothing and safety shoes.
Environmental Precautions	Do not allow to enter waterways
Small Spills	Absorb liquid with absorbent material, e.g. dry sand
Large Spills	Stop spill at source. Contain spilled product. Mop up with absorbent material and dispose of in accordance with local municipal regulations.
<b>7 Handling and Storage</b>	
Suitable Material	H D P E containers
Handling / Storage Precautions	Avoid storing in a hot environment above 40° C
<b>8 Exposure controls / Personal Protection</b>	
Occupational Exposure Limits	None
Engineering Control Measures	Ensure adequate ventilation
Personal Protection – Respiratory	None necessary
Personal Protection – Hands	Impervious PVC or rubber gloves
Personal Protection – Eyes	Safety goggles
Personal Protection –Skin	Normal occupational work wear
Other Protection	None necessary
<b>9 Physical &amp; Chemical Properties</b>	
Appearance	Colourless liquid
Odour	Characteristic surfactant smell
pH	6.5 to 7.5 @ 25° C
Boiling Point	100° C
Melting Point	Not measured
Flash point	>100° C
Flammability	Product is not flammable
Auto flammability	Product is not flammable
Explosive Properties	Product is not explosive
Oxidizing Properties	Product is not oxidising
Vapour Pressure	23.8 mm Hg @ 25° C
Density	1.001 to 1.010
Solubility - Water	Completely soluble
Solubility – Solvent	Soluble in lower alcohols
Solubility – Co-efficient	Not measured
<b>10 Stability &amp; Reactivity</b>	
Conditions to Avoid	High temperatures above 40° C
Incompatible Material	Oxidising acids and reducing agents
Hazardous decomposition products	Oxides of carbon
<b>11 Toxicological Information</b>	
Acute Toxicity	Product is not toxic
Eye Contact	May cause irritation
Skin Contact	Prolonged contact may cause irritation
Chronic Toxicity	Not known
Carcinogenicity	Not carcinogenic
Mutagenicity	Not mutagenic
Reproductive Hazards	None known
Neurotoxicity	Not neurotoxic

<b>12 Ecological Information</b>	
Aquatic Toxicity - Fish	Not toxic to fish
Aquatic Toxicity – Daphnia	Not toxic to Daphnia
Aquatic Toxicity - Algae	Not toxic to algae
Biodegradability	Product will biodegrade 60% in 28 days
Bio-accumulation	Not known
Mobility	Product is mobile
German wkg.	n/a
<b>13 Disposable Methods</b>	Dispose of in accordance with local regulations
<b>14 Transport Information</b>	
UN No.	n/a
Substance Identity No.	n/a
ADR/RID Class	n/a
ADR/RID Item No.	n/a
ADR/RID Hazard ID No.	n/a
IMDG – Shipping Name	n/a
INDG Class	n/a
IMDG – Packaging Group	n/a
IMDG – Marine Pollutant	n/a
IMDG – EMS No.	n/a
IMDG – MFAG Table No.	n/a
IATA Shipping Name	n/a
IATA – Class	n/a
IATA Subsidiary Risks	n/a
ADNR – Class	n/a
UK Description	n/a
UK – Emergency Action Class	n/a
UK – Classification	n/a
Tremcard No.	n/a
<b>15 Regulatory Information</b>	
EEC Hazard Classification	n/a
Risk Phases	R36
Safety Phases	S24/25
National Legislation	n/a
<b>16 Other Information</b>	The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properness of the product.