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Alrode South

Alberton

South Africa

## SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	BIO-SUPREME		
Product Use:	MICRO LAUNDRY DETERGENT POWDER WITH ENZ		
Supplier's Name:	Arrow Chem Chemical Manufacturer	Street Address:	9-11 Evans Street
Suburb:	Alrode South	City:	Alberton
Tel number: +2711 900 3633	Emergency no: 0633739195	Email Address:	<a href="mailto:sales@thearrow.co.za">sales@thearrow.co.za</a>

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% Range	CAS Number	Toxicity information

### SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	None known under normal conditions.
Flammability:	Non-flammable
Chemical Hazard:	None known
Biological Hazard:	No data available
Reproduction Hazard:	No data available
Inhalation:	Dust may irritate throat
Skin:	Prolonged contact may irritate and dry skin
Eyes:	Dusting may cause eye irritation
Ingestion:	Abdominal discomfort
Carcinogenicity:	No data available
Mutagenicity:	No data available
Neurotoxicity:	No data available



**SECTION 4: FIRST AID MEASURES**

Product Inhaled:	Remove to fresh air
Product on Skin:	Wash with water
Product in Eyes:	Wash out with water
Product Ingested:	Do not induce vomiting. Seek medical attention

**SECTION 5: FIRE FIGHTING IDENTIFIERS**

FLAMMABLE:	<table border="1"> <tr> <td>YES</td> <td>NO</td> </tr> <tr> <td></td> <td>√</td> </tr> </table>	YES	NO		√	If yes under which conditions:	N/A
YES	NO						
	√						
Method of extinction:	Use any type						
Flashpoint (°C) and Method:	Upper Flammable Limit (% by Volume):	Lower Flammable Limit (% by Volume):					
N/A	N/A	N/A					
Autoignition Temperature (°C):	Explosion Data – Sensitivity to Impact:	Explosion Data – Sensitivity to Static Discharge:					
N/A	N/A	N/A					
Hazardous Decomposition Products:	None know						

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions:	Wear protective clothing
Environmental Precautions:	
Precautions:	Do not release into natural waterways
Small Spills:	Wash away with lots of water
Large Spills:	Collect and dispose. Wash residues away with water

**SECTION 7: HANDLING AND STORAGE**

Suitable Material:	Stored in plastic/paper bags or boxes
Handling/Storage Precautions:	Store in a cool dry place



**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

Exposure Limits:	N/A
Engineering Controls:	N/A
Personal Protective Equipment:	
<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Respirator
<input type="checkbox"/> Eye	<input checked="" type="checkbox"/> Footwear
<input checked="" type="checkbox"/> Clothing	<input type="checkbox"/> Other
If Checked, please specify type:	
Work in ventilated area, avoid dusting, avoid contact with skin, keep dry.	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White free flowing powder	Odour: Pleasant	Ph: ±10
Flush Point: N/A	Melting Point: N/A	Boiling Point: N/A
Flammability: N/A	Solubility co-efficient: N/A	Density: N/A
Solubility – Water: Soluble	Solubility – Solvent: Insoluble	Explosive Properties: N/A
Vapour Pressure: N/A	Oxidising Properties: Avoid excessive heat	Neurotoxicity: N/A

**SECTION 10: STABILITY AND REACTIVITY**

Chemical Stability: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If no, under which conditions:
Incompatibility with Other Substances: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, which ones? Excessive heat, dampness, and humidity
Reactivity and under what conditions: Chemical is stable	
Hazardous Decomposition Products: N/A	



**SECTION 11: TOXICOLOGICAL INFORMATIONS**

Acute Toxicity:			
Refer section 3			
Skin and eye contact:			
Refer section 3			
Chronic toxicity:			
None know under normal use conditions.			
Carcinogenicity:	No evidence available	Mutagenicity:	No evidence available

**SECTION 12: ECOLOGICAL INFORMATION**

Aquatic Toxicity – Fish:	Dangerous to Aquatic Life in high concentrations.
Aquatic Toxicity – Daphnia:	Dangerous to Aquatic life in high concentrations.
Aquatic Toxicity – Algae:	Dangerous in Aquatic life in high concentrations.
Bioaccumulation:	No data available
Biodegradability:	No data available
Mobility:	No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal Methods:	Via an authorised disposal company
Disposal of Packaging:	Via an authorised disposal company.

**SECTION 14: TRANSPORT INFORMATION**

UN No:	Not hazardous	Class	Not hazardous
Substance I.D No:	Not hazardous	Danger Group	IV

**SECTION 15: REGULATORY INFORMATION**

Risk Phases:	R36/R37	Safety Phases:	S21
National Legislation:	Not Known		

**SECTION 16: OTHER INFORMATION**

To the best of our knowledge the information contained herein is accurate.

However, neither Arrow-Chem nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



**Arrow-Chem**

Est. 1993

**Chemical Manufacturers**