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9 & 11 Evans Street  
Alrode South  
Alberton  
South Africa

## SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	GRITTY BROWN		
Product Use:	GRITTY HAND CLEANER		
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
Alkanolamide			

### SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Flammable when heated
Flammability:	Yes
Chemical Hazard:	N/A
Biological Hazard:	N/A
Reproduction Hazard:	No data available
Inhalation:	No known hazard
Skin:	Non anticipated under foreseeable conditions. Prolonged or repeated skin contact with this product may cause irritation in sensitive individuals.
Eyes:	May cause eye irritation
Ingestion:	May cause nausea and vomiting
Carcinogenicity:	No evidence of Carcinogenicity effects.
Mutagenicity:	No evidence of Mutagenicity effects
Neurotoxicity:	No evidence of Neurotoxicity effects



#### SECTION 4: FIRST AID MEASURES

Product Inhaled:	No risk
Product on Skin:	Slight irritation with susceptible individuals. Should this occur discontinue use of produce
Product in Eyes:	May cause light irritation, flush with water for at least 15 minutes. Hold eyelids apart while flushing. Has no harmful side effect but should irritation persist, seek medical attention
Product Ingested:	Small quantity ingested need no action. In case of large quantities, give person large quantities of water or milk to drink. Then induce vomiting.

#### 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:	If product is heated by fire
YES	NO						
√							
Method of extinction:	Dry powder/CO2						
Flashpoint (°C) and Method:	Upper Flammable Limit (% by Volume): N/A	Lower Flammable Limit (% by Volume): N/A					
Autoignition Temperature (°C): N/A	Explosion Data – Sensitivity to Impact: N/A	Explosion Data – Sensitivity to Static Discharge: N/A					
Hazardous Decomposition Products:	Carbon Dioxide/ Carbon Monoxide						

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	N/A
Precautions:	Do not release into natural waterways
Small Spills:	Remove excess with absorbent material and flush residue with water.
Large Spills:	Prevent the discharge of large amounts of concentrated product into sewerage and water courses. Dyke ahead of liquid spill for later disposal.

#### SECTION 7: HANDLING AND STORAGE

Suitable Material:	Store in Plastic drums
Handling/Storage Precautions:	Keep containers closed. Store in a cool dry place



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## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:	N/A										
Engineering Controls: Adequate ventilation in places of use											
Personal Protective Equipment:											
<input type="checkbox"/>	Gloves	<input type="checkbox"/>	Respirator	<input type="checkbox"/>	Eye	<input type="checkbox"/>	Footwear	<input type="checkbox"/>	Clothing	<input type="checkbox"/>	Other
If Checked, please specify type:											

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Odour:	Ph:
Course brown paste	Almond	6.0-9.0
Flush Point:	Melting Point:	Boiling Point:
90°C	N/A	>100°C
Flammability:	Solubility co-efficient:	Density:
Flammable	N/A	1.25
Solubility – Water:	Solubility – Solvent:	Explosive Properties:
Partial	Partial	N/A
Vapour Pressure:	Oxidising Properties:	Neurotoxicity
N/A	N/A	N/A

## SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	If no, under which conditions:
<input checked="" type="checkbox"/> YES	Stable under normal condition
<input type="checkbox"/> NO	
Incompatibility with Other Substances:	If yes, which ones?
<input checked="" type="checkbox"/> YES	DO not mix with strong Oxidising agents. Keep away from ignition sources.
<input type="checkbox"/> NO	
Reactivity and under what conditions:	
DO not mix with strong Oxidising agents. Keep away from ignition sources.	
Hazardous Decomposition Products:	
Carbon particles	



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## SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Causes eye irritation			
Chronic toxicity:			
Medical attention may be required should irritation persist			
Carcinogenicity:	No evidence available	Mutagenicity:	No evidence available

## SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity – Fish:	N/A
Aquatic Toxicity – Daphnia:	N/A
Aquatic Toxicity – Algae:	N/A
Bioaccumulation:	N/A
Biodegradability:	Yes
Mobility:	No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Disposal via a authorised waste disposal company
Disposal of Packaging:	Recycle or wash thoroughly to be re-used

## SECTION 14: TRANSPORT INFORMATION

UN No:	Non hazardous	Class	N/A
Substance I.D No:	N/A	Danger Group	N/A

## SECTION 15: REGULATORY INFORMATION

Risk Phases:	Nil	Safety Phases:	S7/S15
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.



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