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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:	GRILLEX		
Product Use:	CAUSTIC LIQUID OVEN AND GRILL 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:	sales@thearrow.co.za

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% Range	CAS Number	Toxicity information
Caustic alkali			

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Corrosive to tissue and mucous membranes
Flammability:	Non-Flammable
Chemical Hazard:	Refer section 16(a)
Biological Hazard:	No data available
Reproduction Hazard:	No data available
Inhalation:	Irritation to respiratory tract
Skin:	Can cause burns
Eyes:	Severe and possible permanent damage
Ingestion:	Burns and internal damage
Carcinogenicity:	Data available indicates non carcinogenicity
Mutagenicity:	Data available indicates non mutagenicity
Neurotoxicity:	No data available



SECTION 4: FIRST AID MEASURES

Product Inhaled:	Remove to fresh air
Product on Skin:	Flush with water for 30 minutes. Seek medical attention
Product in Eyes:	Rinse with water for 30 minutes. Seek medical attention
Product Ingested:	Refer section 16(b) seek medical attention

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
		√		
Method of extinction:	Use any type. Keep away from caustic itself			
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:	Refer section 16(a)			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear full protective clothing.
Precautions:	Do not release into natural waterways
Small Spills:	Flush away with large amounts of water
Large Spills:	Contain with inert material and collect for disposal

SECTION 7: HANDLING AND STORAGE

Suitable Material:	Store in Plastic drums
Handling/Storage Precautions:	Store in cool place. Section 16(a)



SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:		MAC= 2mg/m3	
Engineering Controls: N/A			
Personal Protective Equipment:			
<input type="checkbox"/>	Gloves	<input type="checkbox"/>	Respirator
<input type="checkbox"/>		<input type="checkbox"/>	Eye
<input type="checkbox"/>		<input type="checkbox"/>	Footwear
<input type="checkbox"/>		<input type="checkbox"/>	Clothing
<input type="checkbox"/>		<input type="checkbox"/>	Other
If Checked, please specify type:			
safety showers. Adequate ventilation, wear safety goggles/ face shield, overall plastic apron and gumboots, rubber gloves.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Odour:	Ph:
Amber to reddish	Bland	Greater than 13
Flush Point:	Melting Point:	Boiling Point:
N/A	N/A	Greater than 90°C
Flammability:	Solubility co-efficient:	Density:
Non-Flammable	N/A	1.03kg/l
Solubility – Water:	Solubility – Solvent:	Explosive Properties:
No data available	Insoluble	N/A
Vapour Pressure:	Oxidising Properties:	Neurotoxicity
No data available	No data available	N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:		If no, under which conditions:	
<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO
		Extreme cold	
Incompatibility with Other Substances:		If yes, which ones?	
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
Reactivity and under what conditions:			
Refer section 16			
Hazardous Decomposition Products:			
Refer section 16			



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SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Toxic by inhalation. Ingestion, contact with skin, extremely hazardous. Will cause permanent and irreversible damage			
Chronic toxicity:			
Constant irritation/pain in eyes nose and throat			
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
Aquatic Toxicity – Algae:	Dangerous to aquatic life
Bioaccumulation:	No data available
Biodegradability:	No data available
Mobility:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN No:	1824	Class	8.2 corrosive
Substance I.D No:		Danger Group	I

SECTION 15: REGULATORY INFORMATION

Risk Phases:	R35	Safety Phases:	S2/S26/S27/S37/S39
National Legislation:			Not Known

SECTION 16: OTHER INFORMATION

- (a) Heat generated in reaction with acids. Organizable compounds Nitro and Chlor – organic compounds.
- (b) Do not induce vomiting. Give water to drink, seek medical attention.
- (c) Can react with Aluminium and other soft metals to produce hydrogen gas.

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

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