



Tel: +27 11 900 3633

Cell: +27 633739195

Website: www.arrow-chem.co.za

Email: sales@thearrow.co.za

HC SOEKOE cc t/a ARROW CHEM

Reg No:2002/029572/23

Vat Reg No:4600249488

9 & 11 Evans Street
Alrode South
Alberton
South Africa

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	G-DET		
Product Use:	DETERGENT		
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
Alkaline salt/ quaternary ammonium compound			

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Will irritate the skin and eyes
Flammability:	Non-Flammable
Chemical Hazard:	Avoid contact with acids bases and oxidants
Biological Hazard:	May cause skin sensitisation
Reproduction Hazard:	No data available
Inhalation:	No Risk
Skin:	Concentrate may cause discomfort, itching and redness
Eyes:	Irritating/watery eyes
Ingestion:	Refer section 16(a)
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:	Remove to fresh air
Product on Skin:	Wash with soap and water
Product in Eyes:	Flush with water for 15 minutes. Seek medical attention
Product Ingested:	Induce vomiting, give mil or water to drink, seek medical attention.

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:
		√	
Method of extinction:	Powder/CO2/foam sand water spray		
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:	May produce floating fire hazard		

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Full protective suit with breathing apparatus
Precautions:	Do not release into natural waterways
Small Spills:	Flush away with water
Large Spills:	Contain with inert material

SECTION 7: HANDLING AND STORAGE

Suitable Material:	Store in Plastic drums
Handling/Storage Precautions:	Store away from oxidising products



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: Mechanical room ventilation, goggles or face shield, overall plastic body apron Gumboots and PVC gloves.											

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Odour:	Ph:
Clear fluorescent yellow	Pleasant	9.5-11.5
Flush Point:	Melting Point:	Boiling Point:
N/A	N/A	N/A
Flammability:	Solubility co-efficient:	Density:
N/A	N/A	1KG/L
Solubility – Water:	Solubility – Solvent:	Explosive Properties:
Complete	Insoluble in most	N/A
Vapour Pressure:	Oxidising Properties:	Neurotoxicity
N/A	None	N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	If no, under which conditions:	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	Heat
Incompatibility with Other Substances:	If yes, which ones?	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	Strong oxidant strong acids and bases
Reactivity and under what conditions:		
N/A		
Hazardous Decomposition Products:		
Strong oxidant strong acids and bases		



SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Ingestion may cause vomiting and nausea			
Skin and eye contact:			
Refer section 3			
Chronic toxicity:			
May result in progressive dermatitis			
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 to 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 classified	Class	Not classified. Low hazard
Substance I.D No:	N/A	Danger Group	IV

SECTION 15: REGULATORY INFORMATION

Risk Phases:	R38	Safety Phases:	S36/S37
National Legislation:	Not Known		

SECTION 16: OTHER INFORMATION

(a) Discomfort in mouth and throat, local swelling and burning, nausea, diarrhoea and thirst.

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.