



Tel: +27 11 900 3633/3061/1064
 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
 PO Box 17043
 Randhart
 1457

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	S-DET		
Product Use:	DETERGENT CONTAINING QUATERNARY AMMONIUM COMPOUNDS		
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
QUATERNARY Ammonium Compound			

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Irritating to eyes and skin
Flammability:	Non-flammable
Chemical Hazard:	May react with strong oxidants
Biological Hazard:	N/A
Reproduction Hazard:	No data available
Inhalation:	No symptoms
Skin:	Mild irritant
Eyes:	Minor irritant
Ingestion:	Minor toxicity
Carcinogenicity:	No data available
Mutagenicity:	No data available
Neurotoxicity:	No data available



SECTION 4: FIRST AID MEASURES

Product Inhaled:	
Product on Skin:	Wash off with water
Product in Eyes:	Rinse with water
Product Ingested:	DO NOT induce vomiting. Obtain medical attention

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
		√		
Method of extinction:	Use any type			
Flashpoint (°C) and Method: N/A	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:	N/A			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing
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:	Plastic drum
Handling/Storage Precautions:	Store in a cool place away from oxidants



SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:		Unknown	
Engineering Controls: Adequate ventilation in places of use			
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 goggles or face shield. Overalls, apron, gumboots respirator when being sprayed wear gloves			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Fluorescent yellow liquid	Odour: Bland	Ph: 10-12
Flush Point: N/A	Melting Point: N/A	Boiling Point: Greater than 90°C
Flammability: Non - Flammable	Solubility co-efficient: N/A	Density: 1.02kg/l
Solubility – Water: Complete	Solubility – Solvent: Insoluble	Explosive Properties: N/A
Vapour Pressure: No data available	Oxidising Properties: None	Neurotoxicity: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:		If no, under which conditions:	
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
Incompatibility with Other Substances:		If yes, which ones?	
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
Reactivity and under what conditions:			
N/A			
Hazardous Decomposition Products:			
Carbon dioxide/carbon monoxide			



SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Irritation will cause vomiting and nausea			
Skin and eye contact:			
Mild irritation			
Chronic toxicity:			
May result in chronic dermatitis			
Carcinogenicity:	No data 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 disposal company
Disposal of Packaging:	Via an authorised disposal company

SECTION 14: TRANSPORT INFORMATION

UN No:		Class	Not classified Low hazard
Substance I.D No:		Danger Group	IV

SECTION 15: REGULATORY INFORMATION

Risk Phases:	R38	Safety Phases:	S36/S37
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.

