



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:	ZUDSO		
Product Use:	LIQUID DISHWASHING 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
None			

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Eye irritation/ prolonged skin contact may cause irritation
Flammability:	Non-flammable
Chemical Hazard:	None known
Biological Hazard:	N/A
Reproduction Hazard:	N/A
Inhalation:	No adverse effects expected
Skin:	May cause skin irritation on prolonged or repeated contact
Eyes:	Causes eye irritation in direct contact
Ingestion:	May be harmful if swallowed in large quantities. May cause nausea
Carcinogenicity:	N/A
Mutagenicity:	N/A
Neurotoxicity:	N/A



SECTION 4: FIRST AID MEASURES

Product Inhaled:	Remove to fresh air, treat symptomatically, however no known hazard
Product on Skin:	Wash area with soap and water. apply moisturiser to replenish moisture to the skin. If persistent rash occurs, seek medical attention
Product in Eyes:	Rinse cautiously with water for fifteen minutes. Remove contact lenses if present and easy to do Continue rinsing. seek medical attention if irritation persists
Product Ingested:	Give patient plenty of water to drink, should problem persist, seek medical attention

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
		√		
Method of extinction:	Spray water, all-purpose dry chemical co2			
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:	N/A			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with eyes as may cause irritation and prolonged contact with skin
Precautions:	Do not release into natural waterways
Small Spills:	Cover with inert, absorbent material and remove to disposal container. Spill area will be slippery. Flush away with plenty of water.
Large Spills:	prevent run-off to sewers, streams, or other bodies of water. cover with sand and dump in designated area.

SECTION 7: HANDLING AND STORAGE

Suitable Material:	Plastic Container
Handling/Storage Precautions:	Store in a cool dry place.



SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:		N/A	
Engineering Controls: workers should have access to an eye wash fountain in case of accidental eye contact			
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: Wear safety goggles, neoprene gloves if there is the potential of repeated or prolonged use.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid	Odour: Lemon Fragrance	Ph: Neutral
Flush Point: N/A	Melting Point: N/A	Boiling Point: Greater than 90°C
Flammability: N/A	Solubility co-efficient: N/A	Density: 1.03Kg/l
Solubility – Water: Complete	Solubility – Solvent: Insoluble	Explosive Properties: N/A
Vapour Pressure: N/A	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: N/A			



SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Irritation of eyes			
Skin and eye contact:			
Refer section 3			
Chronic toxicity:			
No data available			
Carcinogenicity:	No data available	Mutagenicity:	No evidence available

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity – Fish:	Dangerous in high concentrations
Aquatic Toxicity – Daphnia:	Dangerous in high concentrations
Aquatic Toxicity – Algae:	Dangerous in high concentrations
Bioaccumulation:	No data available
Biodegradability:	Yes
Mobility:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN No:		Class	Low Hazard
Substance I.D No:		Danger Group	IV

SECTION 15: REGULATORY INFORMATION

Risk Phases:	R36	Safety Phases:	S25
National Legislation:		Not Known	

SECTION 16: OTHER INFORMATION

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