



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

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	LUCID		
Product Use:	WATER BASED SOLVENT DEGREASER		
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
Sulphuric acid Sodium metasilicate			

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Irritant
Flammability:	Non-flammable
Chemical Hazard:	Avoid contact with acids and oxidising materials
Biological Hazard:	Dangerous to aquatic life
Reproduction Hazard:	No data available
Inhalation:	No known hazard
Skin:	Mild irritation may occur
Eyes:	Will irritate eyes
Ingestion:	Mild irritant
Carcinogenicity:	N/A
Mutagenicity:	N/A
Neurotoxicity:	N/A

SDS – LUCID

Date:

2025



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 moisturizer to replenish moisture to the skin. If persistent rash occurs, seek medical attention
Product in Eyes:	Rinse cautiously with water for several 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:	Use extinguishing agents suitable for surrounding fire			
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:	Carbon monoxide, carbon Dioxide			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing such as neoprene gloves, safety goggles should be worn while handling the product
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:	Store in a cool dry place



SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:	2mg/m3
Engineering Controls:	N/A
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: safety goggles should be supplied in case of splashing of the product. Neoprene gloves should be supplied to avoid any irritation of the skin.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow Fluorescent Liquid	Odour: Butyl Oxitol	Ph: 11.2-11.5
Flush Point: N/A	Melting Point: N/A	Boiling Point: Greater than 90°C
Flammability: Non-Flammable	Solubility co-efficient: No data available	Density: 1.05-1.10g/cm3
Solubility – Water: Completely	Solubility – Solvent: Insoluble	Explosive Properties: N/A
Vapour Pressure: No data available	Oxidising Properties: No data available	Neurotoxicity: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If no, under which conditions: Stable under normal conditions
Incompatibility with Other Substances: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, which ones? Acids and strong oxidising materials
Reactivity and under what conditions: Toxic fumes may be liberated on decomposition	
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide	



SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Irritant to skin and eyes			
Skin and eye contact:			
Refer section 3			
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:	LC ₅₀ (96h): 30gm/l
Aquatic Toxicity – Daphnia:	EC ₅₀ (48h): 13mg/l
Aquatic Toxicity – Algae:	EC ₅₀ (72h): 1.6mg/l
Bioaccumulation:	N/A – Product is biodegradable and water soluble
Biodegradability:	Primary degradation (surfactant)>90%
Mobility:	Not known

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN No:	3082	Class	9: Irritant liquid
Substance I.D No:	B017	Danger Group	IV

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

- (a) Do not allow to meet products containing chlorine as heated and toxic gas will be liberated.
- (b) Obtain medical attention
- (c) Constant irritation of eyes, skin, throat, and abdominal pain. Risk of death.

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