



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

2025

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	ANTIFREEZE		
Product Use:	LIQUID ENGINE COLLANT ADDITIVE		
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
Flammable paraffinic gly Solvents			EEC CLASSIFICATIN: 201-159-0 203-576-3 R Phrases: R10.11.20.21.36.37

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Toxicity
Flammability:	No risk
Chemical Hazard:	No risk
Biological Hazard:	Toxicity
Reproduction Hazard:	No data available
Inhalation:	No risk
Skin:	Mil irritation
Eyes:	Will irritate eyes
Ingestion:	Toxicity
Carcinogenicity:	Nil
Mutagenicity:	Nil
Neurotoxicity:	No data available

SDS – ANTIFREEZE

Date: 2025



SECTION 4: FIRST AID MEASURES

Product Inhaled:	No risk
Product on Skin:	Irritant, wash of with water
Product in Eyes:	Flush with water. If irritation persists, seek medical attention
Product Ingested:	Induce vomiting. Seek medical attention

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
		√		
Method of extinction:	Nil			
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:	Nil			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Store away from food
Environmental Precautions:	N/A
Precautions:	Do not allow to enter natural waterway
Small Spills:	Contain spills, return to original container
Large Spills:	Contain spills, return to original container

SECTION 7: HANDLING AND STORAGE

Suitable Material:	Plastic drum
Handling/Storage Precautions:	Store in cool place away from food



SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:	No data available																								
Engineering Controls: N/A																									
Personal Protective Equipment:																									
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>Gloves</td> <td><input type="checkbox"/></td> <td>Respirator</td> <td><input type="checkbox"/></td> <td>Eye</td> <td><input checked="" type="checkbox"/></td> <td>Footwear</td> <td><input checked="" type="checkbox"/></td> <td>Clothing</td> <td><input type="checkbox"/></td> <td>Other</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	<input checked="" type="checkbox"/>	Gloves	<input type="checkbox"/>	Respirator	<input type="checkbox"/>	Eye	<input checked="" type="checkbox"/>	Footwear	<input checked="" type="checkbox"/>	Clothing	<input type="checkbox"/>	Other													
<input checked="" type="checkbox"/>	Gloves	<input type="checkbox"/>	Respirator	<input type="checkbox"/>	Eye	<input checked="" type="checkbox"/>	Footwear	<input checked="" type="checkbox"/>	Clothing	<input type="checkbox"/>	Other														
If Checked, please specify type: Wear goggles or face shield																									

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellowish liquid	Odour: Slight	Ph: 8.5
Flush Point: Nil	Melting Point: -8°C	Boiling Point: 140°C
Flammability: Nil	Solubility co-efficient: N/A	Density: 1.06
Solubility – Water: Complete	Solubility – Solvent: Partial	Explosive Properties: 1.1% - 7%
Vapour Pressure: Less than water	Oxidising Properties: N/A	Neurotoxicity: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	If no, under which conditions:				
<table border="1"> <tr> <td><input type="checkbox"/></td> <td>YES</td> <td><input type="checkbox"/></td> <td>NO</td> </tr> </table>	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	N/A
<input type="checkbox"/>	YES	<input type="checkbox"/>	NO		
Incompatibility with Other Substances:	If yes, which ones?				
<table border="1"> <tr> <td><input type="checkbox"/></td> <td>YES</td> <td><input type="checkbox"/></td> <td>NO</td> </tr> </table>	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	N/A
<input type="checkbox"/>	YES	<input type="checkbox"/>	NO		
Reactivity and under what conditions: N/A					
Hazardous Decomposition Products: Carbon					



SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
200ml can be fatal			
Skin and eye contact:			
irritant			
Chronic toxicity:			
No data available			
Carcinogenicity:	No evidence available	Mutagenicity:	No evidence available

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity – Fish:	Toxic
Aquatic Toxicity – Daphnia:	Toxic
Aquatic Toxicity – Algae:	Toxic
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:		Class	Not classified
Substance I.D No:	Not applicable	Danger Group	IV

SECTION 15: REGULATORY INFORMATION

Risk Phases:	Not known	Safety Phases:	Not know
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.