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9 & 11 Evans Street

Alrode South

Alberton

South Africa

## SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	BLEACH		
Product Use:	CONCENTRATED WHITENER, STAIN REMOVER AND DEODORIZER		
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:	<a href="mailto:sales@thearrow.co.za">sales@thearrow.co.za</a>

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% Range	CAS Number	Toxicity information
Sodium Hypochlorite	13	7681-52-9	Oxidiser R Phrases: R22/R31/R36/R38/R52

### SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Ingestion
Flammability:	Avoid contact with excessive heat.
Chemical Hazard:	Avoid reducing agents and strong mineral acids.
Biological Hazard:	N/A
Reproduction Hazard:	N/A
Inhalation:	It is possible to breath this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing this material may be harmful or fatal. Symptoms may include severe irritation and buns to the nose, throat, and respiratory tract.
Skin:	Can cause permanent skin damage. Symptoms may include redness, burning and swelling of skin, burns, and other skin damage. Additional symptoms of skin contact may include skin blistering, hair loss, passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
Eyes:	Can casus permanent eye injury. Symptoms include stinging tearing, redness and swelling of eyes. Can injure the cornea and cause blindness.
Ingestion:	Toxicity
Carcinogenicity:	Nil
Mutagenicity:	Nil
Neurotoxicity:	No data available

SDS – BLEACH

Date: 2025



**SECTION 4: FIRST AID MEASURES**

Product Inhaled:	If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention, keep person warm and quiet. If person is not breathing begin artificial respiration. If breathing is difficult, administer oxygen.
Product on Skin:	Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.
Product in Eyes:	If chemical gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If symptoms develop because of vapour exposure, immediately move the individual away from the exposure and into fresh air before flushing as recommended above. Seek immediate medical attention.
Product Ingested:	Seek immediate medical attention. DO NOT induce vomiting. Vomiting may cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth it water and give milk or water to drink. If possible, do not leave individual unattended.

**Note to physician:** pre-existing disorders of the following organs (or organ systems) may be Aggravated by exposure to this material: skin, lungs (for example, asthma-like or immune system)

**SECTION 5: FIRE FIGHTING IDENTIFIERS**

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
		√		
Method of extinction:	Dry chemical powder/foam/fog			
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:				

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions:	Avoid skin and eye contact as well as ingestion of product.
Environmental Precautions:	Prevent large quantities of the product going into the drain
Precautions:	
Small Spills:	Dilute with water absorb into a non-combustible absorbent material.
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 containers with ventilated caps
Handling/Storage Precautions:	Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapour, liquid and or solids). All hazard precautions given in the data sheet must be observed. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure.



## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:	N/A												
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> </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/ safety glasses or face shield. Wear impervious gloves, boots, and safety clothing. Use of a respirator													

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Odour:	Ph:
Clear pale-yellow liquid	Chlorine	10.5 – 11.5
Flush Point:	Melting Point:	Boiling Point:
N/A	N/A	100°C
Flammability:	Solubility co-efficient:	Density:
N/A	N/A	1.11
Solubility – Water:	Solubility – Solvent:	Explosive Properties:
Complete	Insoluble	Nil
Vapour Pressure:	Oxidising Properties:	Neurotoxicity
Not known	Oxidising Agent	Nil

## 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 checked="" type="checkbox"/></td> <td>NO</td> </tr> </table>	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO	Do not store in hot conditions
<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO		
Incompatibility with Other Substances:	If yes, which ones?				
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>YES</td> <td><input type="checkbox"/></td> <td>NO</td> </tr> </table>	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO	Excessive heat, reducing agents and strong mineral acids
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO		
Reactivity and under what conditions:					
Chemical is stable					
Hazardous Decomposition Products:					
Avoid contact with excessive heat, reducing agents and strong minerals					



**SECTION 11: TOXICOLOGICAL INFORMATIONS**

Acute Toxicity:			
Irritant to skin and eyes			
Skin and eye contact:			
Irritant to skin and eyes			
Chronic toxicity:			
Toxic			
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
Biodegradability:	Yes
Mobility:	Not known

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORT INFORMATION**

UN No:	1791	Class	N/A
Substance I.D No:	7681-52-9	Danger Group	N/A

**SECTION 15: REGULATORY INFORMATION**

Risk Phases:	R22/R31/R36/R38/R52	Safety Phases:	S2/S3/S24/S25/S26/S46
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.