


SAFETY DATA SHEET  
 PRODUCT NAME: AQUADET

<b>1. PRODUCT AND COMPANY IDENTIFICATION</b>	
Product Name	Aquadet
Synonyms	N/A
Product Description/ Use	Alkaline Degreaser
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

<b>2. HAZARDS IDENTIFICATION</b>		
Classification of the product:		
Irritant	Eye Irritation	2A
Irritant	Skin Irritation	2
Label Elements:		
Pictograms:		
 <p style="font-size: x-small; margin: 0;">GHS07 Harmful</p>		
Signal Words: Warning		
Hazard Statements:		
H315 Causes mild skin irritation		
H319 Causes serious eye irritation		
Precautionary Statements:		
P280 Wear eye/face protection.		
P264 Wash with plenty of water and soap thoroughly after handling.		
P302+P352 IF ON SKIN/ EYE: Wash with plenty of water		
P321 Specific Treatment (see First aid on Label)		
R332+P313 IF SKIN/ EYE irritation occurs get medical advice/attention		
P362 Take off contaminated clothing		

<b>3. COMPOSITION/ INFORMATION ON INGREDIENTS</b>		
Component	CAS Number	Weight %
Inorganic Sodium Compounds	*Restricted as proprietary formulation information	>90%

SAFETY DATA SHEET

PRODUCT NAME: AQUADET

<b>4. FIRST AID MEASURES</b>	
Inhalation	Keep patient calm, remove to fresh air, seek medical attention if required.
Skin contact	Immediately wash thoroughly with plenty of water, seek medical attention as required.
Eye contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an doctor.
Ingestion	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Note to physician	Treat according to symptoms no known specific antidote.

<b>5. FIRE-FIGHTING MEASURE</b>	
Extinguishing media	Non flammable
Specific Hazards arising from substance or mixture	None known
Advice for Fire Fighters	Protective equipment for fire-fighting: Wear a self-contained breathing apparatus.
Further Information	The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

<b>6. ACCIDENTAL RELEASE MEASURES</b>	
Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Information regarding personal protective measures see, section 8.
Environmental precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods for cleaning up recovery	Remove to waste disposal area, dispose of as per local rules and regulations.
Neutralisation and disposal of spillage	None required

<b>7. HANDLING AND STORAGE</b>	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use.

SAFETY DATA SHEET

PRODUCT NAME: AQUADET

	Keep away from heat and flame.
Storage	Store in tightly closed containers in cool, dry, well-ventilated area away from incompatibles. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Limits:**

Not known, data on raw materials may be available upon request.

**Personal Protective Equipment:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Colour	White
Odour	Mild
PH Value	1% Solution: 12+-0.5
Boiling point/ boiling range (°c)	Not applicable
Flash point (°c)	Not applicable
Solubility	Soluble in water
Viscosity at 20°c	Not applicable
Specific gravity at 20°c	Not applicable

### 10. Stability and reactivity

Stability and possible hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions/ materials to avoid	Strong acids
Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use.

SAFETY DATA SHEET

PRODUCT NAME: AQUADET

<b>11. Toxicological information</b>	
*LD 50 test on animals available on certain raw materials in product on request	
Acute Effects	Eye Contact: Causes irritation Skin Contact: May cause irritation Inhalation: May cause respiratory irritation in exceptional circumstances. Ingestion: May cause gastrointestinal discomfort
Chronic Effects	Not known

<b>12. Ecological information</b>	
Toxicity	Not expected to cause chronic toxicity
Persistence/ Biodegradability	Product primarily inorganic therefore expected to breakdown readily.
Mobility in Soil	Not known
Additional Information	Not applicable

<b>13. Disposal considerations</b>	
Disposal of chemical product	Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.
Disposal of contaminated packaging	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorised use of used containers.

<b>14. Transport regulations</b>	
Not classified as hazardous for transport	

<b>15. REGULATORY INFORMATION</b>	
Labeling accordance with SANS 10234 latest revision.	OHS Act, 1993(Act No. 85 of 1993). Hazardous Substance Regulation of 1995
Hazard Statements	H315 Causes mild skin irritation H319 Causes serious eye irritation
Precautionary Statements	P280 Wear eye/face protection. P264 Wash with plenty of water and soap thoroughly after handling. P302+P352 IF ON SKIN/ EYE: Wash with plenty of water P321 Specific Treatment (see First aid on Label) R332+P313 IF SKIN/ EYE irritation occurs get medical advice/attention P362 Take off contaminated clothing

SAFETY DATA SHEET

PRODUCT NAME: AQUADET

<b>16. ADDITIONAL INFORMATION (E.G. SPECIAL TRAINING OR RESTRICTIONS ON THE PRODUCTS USE)</b>
---

Refer to product data sheet for product use directions
--

The information contained herein is accurate to the best of our knowledge. Hychem (Pty) Ltd makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.
--