

SAFETY DATA SHEET

PRODUCT NAME: PRO SPOT PRO

1. Product and Company identification	
Product Name	PRO SPOT PRO
Product Description	Laundry Pre-Spotter
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

2. Composition/ Information on ingredients	
Chemical Nature	Clear Water White Liquid
Components contributing to the hazard	Ammonia
Chemical or generic name of components	Ammonia
Concentration range	Medium
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	Corrosive Class 8
Major hazard	Mild Irritant
UN/ CAS	UN2672
R-Phrases	R36, R37, R38

3. Hazard identification (Summary of most important hazards)	
Hazard category	XI Irritant/ Corrosive
Adverse human health affects	Irritating to the eyes, skin and respiratory tract
Environmental effects	None known
Classification of the chemical product	At concentrations recommended for cleaning purposes, no significant effects occur

4. First Aid Measures	
Action to be avoided	Do not induce vomiting.
Inhalation	Remove patient from exposure. Seek medical assistance if irritation persists.
Skin contact	Rinse with soap and water. Remove contaminated clothing. Seek medical assistance if irritation persists.
Eye contact	Keep eyes open and flush with clean water for at least 15 minutes. Seek medical assistance.
Ingestion	Wash out mouth with water and give 200-300ml of water to drink. Seek medical assistance.
Note to physician	Treat symptomatically as for ammonia.

5. Fire fighting measures	
Extinguishing media	Non flammable

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Inappropriate distinguishing media	Not applicable
Specific hazards	None
Special equipment for protection	Not applicable

6. Accidental release measures

Personal precautions	Avoid eye and skin contact, do not ingest.
Environmental precautions	Avoid large spillages from entering waterways.
Methods for cleaning up recovery	Flush with water. In the case of a large spill use a mechanical binding mechanism i.e. sand
Neutralisation and disposal of spillage	No neutralisation required.

7. Handling and storage

Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not ingest, avoid eye contact Ensure container is properly closed and not leaking
Storage	Keep container tightly closed in a dry secure area. Store away from acids and food stuff. Out of reach of children. Check containers regularly for leakage and possible distension. Material must be stored in accordance with local rules and legislation

8. Exposure controls/ Personal protection

<u>Control Parameters</u>	
Limit values	None
Biological standards	Refer to UN and R-Phrase numbers
Monitoring procedures	Keep container closed when not in use
Personal protective equipment	Refer to the S-Phrase data
Protective clothing	In abnormal conditions use an approved respirator and wear protective eyewear
Personal hygiene measures	Wash contaminated clothing before storage and re-use

9. Physical and chemical properties

Form	Viscous Liquid
Colour	Clear
Odour	Strong Ammonia
PH Value	11 (As received)
Boiling point/ boiling range °C	Not ascertained
Flash point	Non flammable
Vapour pressure	Not applicable
Vapour density	Not applicable
Density	Not applicable
Solubility	Soluble in water

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Viscosity at 20°C	Not ascertained
Specific gravity at 20°C	0.970 (+/- 0.02)

10. Stability and reactivity

Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	None
Hazardous decomposition	Not applicable

11. Toxicological information

LD 50test on animals available on certain raw materials in product

Acute Toxicity	None known
Local effects	None known
Sensitisation	Can cause irritation of the eyes, skin and respiratory tract.
Chronic toxicity	None known
Long term toxicity	None known

12. Ecological information

Possible environmental effects	Not known
Behaviour and fate	Soluble in water
Persistence/ Biodegradability	Not ascertained

13. Disposal considerations

Disposal of chemical product	According to the local rules and legislation
Disposal of contaminated packaging	Recommended cleaning agent - water

14. Transport regulations

Packaging group	III
Classification	Class 8 (Corrosive)
UN Number	2672

15. Regulatory information

National legislation	Refer to the below Risk and Safety phrase Data
Hazard and safety information	Take usual good care
EEC hazard classification Risk phrases	R36 – Irritating to the eyes
	R37 – Irritating to the respiratory system
	R38 – Irritating to the skin
EEC hazard classification Safety phrases	S7 – Keep container tightly closed
	S13 – Keep away from food, drink and animal feeding stuff
	S18 – Open and handle container with care
	S25 – Avoid contact with eyes

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	S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice

16. Additional information (e.g. special training or restrictions on the products use)

Refer to product data sheet

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.