

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ULTRASOLVE

1. Product and Company identification	
Product Name	ULTRASOLVE
Product Description	Neutral Multi-purpose cleaner
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 Yellow Liquid
Components contributing to the hazard	Ethylene Glycol Monobutyl Ether
Chemical or generic name of components	Butyl cellosolve
Concentration range	Low
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	XI Irritant
Major hazard	Slight Irritant
UN/ CAS	Not applicable
R-Phrases	R36, R51

3. Hazard identification (Summary of most important hazards)	
Hazard category	XI Irritant
Adverse human health affects	Slightly Irritating to eyes
Environmental effects	Toxic to aquatic organisms
Physical hazard	Handle open container with care

4. First Aid Measures	
Action to be avoided	Do not induce vomiting
Inhalation	Remove patient from exposure if discomfort is experienced
Skin contact	Wash with large quantities of water
Eye contact	Keep eyes open and flush with clean water for at least 15 min. Obtain medical attention
Ingestion	Give 200-300ml of water to drink. Obtain medical attention.
Note to physician	Treat symptomatically as for general detergent

5. Fire fighting measures	
Extinguishing media	Non flammable
Inappropriate distinguishing media	Not applicable
Specific hazards	None
Special equipment for protection	None required

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6. <u>Accidental release measures</u>	
Personal precautions	Wear protective clothing and equipment to prevent eye, skin contact and ingestion
Environmental precautions	Prevent the product from entering soil or waterways
Methods for cleaning up recovery	Mechanically or liquid binding material i.e. sand
Neutralisation and disposal of spillage	No neutralisation required Remove to waste disposal area

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

8. <u>Exposure controls/ Personal protection</u>	
<u>Control Parameters</u>	
Limit values	To be monitored at the work place
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	Wear PVC gloves, goggles and apron
Personal hygiene measures	Wash contaminated clothing before storage and re-use

9. <u>Physical and chemical properties</u>	
Form	Liquid
Colour	Clear yellow or green
Odour	None or Lemon
PH Value	7.0
Boiling point	Not ascertained
Flash point	Non flammable
Vapour pressure	Not ascertained
Vapour density	Not ascertained
Density	Not ascertained
Solubility	Soluble in water
Viscosity at 20°C	4.5mPa.s.
Specific gravity at 20°C	1.040 (+/- 0.02)
% Volatile by volume	Not ascertained

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10. Stability and reactivity	
Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	Avoid food stuff
Hazardous decomposition	None is stored and used in accordance with the provisions of use

11. Toxicological information	
LD 50test on animals available on certain raw materials in product	
Acute Toxicity	May be toxic to aquatic organisms if released undiluted
Local effects	Symptoms may arise if the product is mishandled
Sensitisation	Can cause eye irritation
Chronic toxicity	None known
Long term toxicity	None known

12. Ecological information	
Possible environmental effects	May be toxic to aquatic organisms if released undiluted
Behaviour and fate	Soluble in water Avoid product from entering waterways
Persistence/ Biodegradability	Not known

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	
Classification	Not classified as dangerous goods

15. Regulatory information	
National legislation	Refer to the below Risk and Safety phrase Data
Hazard and safety information	Take usual good care as per UN2810
EEC hazard classification Risk phrases	R36 – Irritating to the eyes R51 – Toxic to aquatic organisms
EEC hazard classification Safety phrases	S7 – Keep container tightly closed S18 – Open and handle container with care S24 – Avoid contact with skin S25 – Avoid contact with eyes S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice S27 – Remove contaminated clothing

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	S28 – After contact with skin, rinse with plenty of water
	S36 – Wear suitable protective clothing

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.