

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: DEGREASER XXX

1. Product and Company identification	
Product Name	DEGREASER XXX
Product Description	Emulsifying Solvent 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	Green clear liquid
Components contributing to the hazard	Xylene
Chemical or generic name of components	Xylene
Concentration range	Very High
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	Flammable III
Major hazard	Flammable
UN/ CAS	UN1307/ CAS 1330-20-7
R-Phrases	R10, R20, R21, R38

3. Hazard identification (Summary of most important hazards)	
Hazard category	Flammable III
Adverse human health affects	Irritating to the eyes
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
Skin contact	No significant effects occur
Eye contact	Keep eyes open and flush with large volumes of clean water for 15min
Ingestion	Do not induce vomiting, wash mouth out with water. Drink large amounts of water. Seek medical attention if required.
Brief description of symptoms	Prolonged contact may cause sensitisation of the skin.
Note to physician	Treat symptomatically as for solvent.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DEGREASER XXX

5. <u>Fire fighting measures</u>	
Extinguishing media	Water spray. Polyvalent foam. Alcohol-resistant foam. BC powder. Carbon dioxide.
Inappropriate distinguishing media	Solid water jet ineffective as extinguishing medium.
Specific hazards	Fire hazard: DIRECT FIRE HAZARD. Flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May build up electrostatic charges: risk of ignition. May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. Explosion hazard: DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. May be ignited by sparks. Reactivity: Upon combustion: CO and CO ₂ are formed. Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion. Reacts with (some) acids.
Special equipment for protection	Wear self contained breathing apparatus

6. <u>Accidental release measures</u>	
Personal precautions	Avoid eye and skin contact and do not ingest
Environmental precautions	Do not allow product to enter soil, ground, drains and waterways.
Methods for cleaning up recovery	Flush with water
Neutralisation and disposal of spillage	No neutralisation required

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

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: DEGREASER XXX

8. Exposure controls/ Personal protection	
<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	The use of an approved respirator and goggles is advised if used in abnormal conditions
Personal hygiene measures	Wash contaminated clothing before storage, re-use

9. Physical and chemical properties	
Form	Liquid
Colour	Green
Odour	Aromatic
PH Value	Not ascertained
Boiling point	Not ascertained
Change of physical state	Not ascertained
Flash point	26°C
Explosion properties	Not applicable
Vapour pressure	Not ascertained
Vapour density	Not ascertained
Density	Not applicable
Solubility	Insoluble in water
Viscosity at 20°C	Not ascertained
Specific gravity at 20°C	0.870 (+/- 0.02)

10. Stability and reactivity	
Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	Avoid food stuff and oxidising agents
Hazardous decomposition	Carbon Dioxide and Carbon Monoxide

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 skin and eye irritation
Chronic toxicity	None known
Long term toxicity	None known

12. Ecological information

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: DEGREASER XXX

Possible environmental effects	No adverse effects expected when used as specified. Product may be toxic to aquatic organisms if released.
Behaviour and fate	Insoluble in water. Avoid large volumes of product spillage from entering waterways.
Persistence/ Biodegradability	Expected to be biodegradable

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/ Danger group	III – flammable liquid
Class	Class 3
Additional regulations	None known
Precautionary measures and conditions	As for handling chemicals relating to UN1307

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	R10 – Flammable
	R20 – Harmful by inhalation
	R21 – Harmful in contact with skin
	R38 – Irritating to skin
EEC hazard classification Safety phrases	S7 – Keep container tightly closed
	S13 – Keep away from food, drink and animal feeding stuffs
	S15 – Keep away from heat
	S18 – Handle and open container with care
	S25 – Avoid contact with the eyes
	S26 – In case of contact with eyes, rinse immediately with plenty of water and 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.