

MATERIAL SAFETY DATA SHEET

1.0	Product	CITRA SOL H D A
2.0	General Composition	
2.1	Ingredients	Solvent Emulsion Cleaner Orange Terpenes
2.2	CAS No.	8028-6 <30% w/w Xi
2.3	DPM CAS No.	34590-94-8 <3% w/w Xi
2.4	Risk Phrases	R36
3.0	Hazard Identification	
3.1		Mild Irritant Low Toxicity
4.0	First aid Measures	
4.1	Inhalation	Remove from exposure. Obtain medical attention.
4.2	Skin Contact	Remove contaminated clothing, wash skin with copious amounts of water for at least 10 minutes.
4.3	Eye Contact	Eyes must be opened and irrigate with water for at least 15 minutes, if irritation persists seek medical attention.
4.4	Ingestion	Do not induce vomiting, wash out mouth with water and give 200-300mls of water to drink. Obtain medical assistance if ill effects persist.
5.0	Fire Fighting	
5.1	Suitable Extinguishers	CO2 Foam, Dry Powder or Fine Water Spray.
5.2	Hazardous Combustion Products	None
5.3	Special Equipment for Fire Fighting	None
6.0	Accidental Release	
6.1	Safety Precautions	Wear protective gloves.
6.2	Environmental Precautions	Prevent entry to drains, sewers and water courses.
6.3	Clean Up Procedures	Contain spillage, absorb with sand or earth, dispose of in accordance with local, state and national release.
7.0	Handling and Storage	
7.1	Handling	Avoid prolong contact with eyes and skin when handling.
7.2	Storage	Store in fully sealed containers.
8.0	Exposure Control and Personal Protection	
8.1	Respiratory	None required.
8.2	Eyes	Safety goggles required.
8.3	Skin	Wear suitable impervious gloves such as nitrile rubber.

8.4	Occupational Exposure Limits	Orange Terpenes CAS No. 8028-48-6 Exposure Limits No Oel assigned. Dipropylene Glycol CAS No. 34590-94-8 Exposure Limits 50ppm Mopnomethyl Ether.
9.0	Physical and Chemical Properties	
9.1	Appearance	Clear Liquid – Amber
9.2	Odour	Citrus
9.3	Odour Threshold	High
9.4	pH	13-1410.8 – 11.8
9.5	Boiling Point/Range	No Data
9.6	Pour Point	-10°C
9.7	Flash Point	55°C (PMCC)
9.8	Flammable Limits	N/A
9.9	Autoignition Temperature	<200°C
9.10	Explosion Limits	No Data.
9.11	Oxidising Properties	No Data.
9.12	Vapour Pressure	Very Low
9.13	Vapour Density	No Data
9.14	Relative Density	1.25g/ml
9.15	Solubility Water	Miscible in all proportions (water)
9.16	Solubility Other	Insoluble in Solvent
9.17	Viscosity	Viscous
9.18	Specific Gravity	0.96gm/cm ³ (@20°C)
10.0	Stability and Reactivity	
10.1	Conditions to Avoid	Avoid contact with strong oxidising agents.
10.2	Materials to Avoid	Strong Acids
10.3	Hazardous Decomposition	None
10.4	Stability	Stable
11.0	Toxicological Information	
11.1	Ingestion	Low oral toxicity but ingestion may cause irritation of the gastrointestinal tract.
11.2	Skin Contact	Repeated and/or prolonged contact may cause irritation.
11.3	Eye Contact	High concentrations may be irritating to eyes.
11.4	Inhalation	May be irritating to the upper respiratory tract over prolonged period.
12.0	Ecological Information	
12.1	Biodegradability	Readily biodegradable according to closed bottle tests.
12.2	Ecotoxicity	No Data
13.0	Disposal	
13.1	Method	Dispose of in accordance with local, state and national regulations.
14.0	Transport Information	
14.1	Symbol(s)	Xi
14.2	SIN/UN Number	1993

14.3	Packaging Group	3
14.4	UK emergency Action Code	3
15.0	Regulatory Information	
15.1	EEC Classification	Class 3 Irritant
15.2	Hazard Symbol	Xi
15.3	Risk Phrases	R10 – Flammable R36/37/38 – Irritating to eyes, skin and respiratory system.
15.4	Safety Phrases	S16 - Keep away from sources of ignition. No smoking.
		S28 – After contact with skin wash immediately with plenty of water.
16.0	Other Information	

LEGAL DISCLAIMER

The information contained in this data sheet does not constitute an assessment of workplace risks. The information is based on the present knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect of quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for this purpose.