

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Citrus Drainclens
Supplier: Chemical Solutions
42 Kennel Lane
Fetcham
Surrey KT22 9PJ
0870 2408893

2 INFORMATION ON INGREDIENTS

Product Description: A blend of orange terpenes, glycol ether and surfactants.

Hazardous Ingredients Material or Component	CAS No	% Range	Symbol	Risk Phrases
Orange Terpene	8028-48-6	50-90	Xn	10,38,65,52/53
Coconut Diethanolamide	68603-42-9	5-10	Xi	38,41
Alcohol Ethoxylate	68439-45-2	1-5	Xn, Xi	22,41
1-Methoxy -2 Propanol	107-98-2	1-5	F	10

3 HAZARDS IDENTIFICATION

Flammable

4 FIRST AID MEASURES

Eyes: Flush out eyes with plenty of water and obtain medical attention.
Skin: Wash off thoroughly with water and if any irritation persists obtain medical attention.
Inhalation: N/A
Ingestion: Do not induce vomiting. Give drinks of milk or water and obtain medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Foam or water spray.
Protective Equipment for Fire Fighting: Breathing apparatus is recommended.
Further Information:

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Gloves and protective clothing are recommended.
Environmental Precautions: Do not allow to enter natural water courses.
Spillages: Wash small spillages away to the drain, contain large spillages in sand or earth
DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

7 HANDLING AND STORAGE

Handling: Wear eye/skin protection if splashing is possible. Wear gloves for continuous hand use.
Storage: Store in a secure place at ambient temperatures and away from sources of ignition.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Take measures to prevent eye contact and ingestion

Hazardous Ingredient(s)	LTEL 8hr TWA		STEL (15 mins)		Type	Notes
	ppm	mg/m ³	ppm	mg/m ³		
1-Methoxy -2 Propanol		300mg/m ³		1080 mg/m ³	OES	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour: Straw coloured liquid
Odour: Orange
pH Value: N/A
Boiling Range (oC): 100
Melting Point (oC): N/A
Flash Point (oC): 23
Auto Igniton Temp. (oC): Not Known
Explosive Limits in Air: N/A
Vapour Pressure @20oC: No data
Relative Density @20oC: 1.0 +/- 0.1
Water Solubility: Miscible with water.
Other Data:

10 STABILITY AND REACTIVITY

Conditions to Avoid: Heat.
Materials to Avoid: Oxidising agents
Hazardous Decomposition: May give off noxious fumes if involved in a fire.

11 TOXICOLOGICAL INFORMATION

Eye Contact: Irritant
Skin Contact: Will defat the skin
Ingestion: Irritant
Inhalation: N/A
Orange Terpenes LD50 >5000mg/kg Oral rat
1-Methoxy -2 Propanol LD50 Oral rat 7510mg/Kg

12 ECOLOGICAL INFORMATION

Biodegradability: Readily biodegraded in biological effluent treatment
Toxicity: No Data
Effect on Effluent Treatment: Little or no effect.
Mobility: N/A
Aquatic Toxicity:
Orange Terpenes EC50 Daphnia magna 48hr=12.3mg/l
1-Methoxy -2 Propanol LC50 Fathead Minnow 20800 mg/L

13 DISPOSAL CONSIDERATIONS

Product: Dispose in accordance with waste disposal regulations.
Packages: Dispose of in accordance with waste disposal regulations

14 TRANSPORT INFORMATION

Classification for Transport: Flammable
UN Number:
UN Proper Shipping Name:
ADR/RID Class:
ADR/RID Item No.:
IMDG Packaging Group: III
IMDG Class:

15 REGULATORY INFORMATION

EEC Classification: Flammable F
Risk Phrases: R10 Flammable
Safety Phrases: S2: Keep out of reach of children
S24: Avoid contact with the skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice
S37/39: Wear suitable gloves and eye/face protection
S46: If swallowed, wash out mouth, then drink plenty of milk or water, and seek medical attention immediately, showing the container

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC
Conforms to CHIP 3.
Revision date: May 2004