

SAFETY DATA SHEET

SUPER O

1. IDENTIFICATION OF PRODUCT AND MANUFACTURER

Product name:	Super O
Other means of identification:	SUPO1, SUPO5, SUPO20
Recommended use of the chemical:	Solvent degreaser
Suppliers details:	QualChem Products Limited 81 Ngaumutawa Road Masterton 5810 NEW ZEALAND Ph 06 370 1950 Fax 06 370 2270
Emergency number:	0800 764 766 (National Poisons Centre)

2. HAZARD IDENTIFICATION

GHS classification:	H227 – Combustible liquid H332 – Harmful if inhaled H316 – Causes mild skin irritation H319 – Causes serious eye irritation. H317 – May cause an allergic skin reaction. H412 – Harmful to aquatic life with long lasting effects
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GHS label elements:
Hazard pictograms:



Signal word:	Warning
Precautionary statements:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P210 Avoid breathing dust/fume/gas/mist/vapours/spray. P261 Wash hands thoroughly after handling. P264 Use only outdoors or in a well-ventilated area. P271 Contaminated work clothing should not be allowed out of the work place. P272 Avoid release to the environment. P273 Wear protective gloves/clothing and face protection. P280

SAFETY DATA SHEET

SUPER O

IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin with water. P303 + P361 + P353
 In case of fire, use foam to extinguish. P370 + P378
 IF INHALED: remove person to fresh air and keep comfortable for breathing. P304 + P40
 Call a poison centre if you feel unwell. P312.
 Store in a well –ventilated place. P403
 Dispose of contents/container in accordance with local/regional/national/international regulations. P501
 If skin irritation or rash occurs: Get medical advice/attention. P333 + P313
 IF IN EYES: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P305 + P351 + P338
 If eye irritation persists: get medical advice/attention. P337 + P313
 Specific treatment, see supplemental first aid instruction (section 4). P321
 Take off contaminated clothing. And wash before reuse. P362 + P364
 Dispose of contents/container in accordance to local/regional/national/international regulations. P501

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients:	C.A.S No:	Concentration:	Toxicological Data:
D-limonene	5989-27-5	< 60 %	LD50 4400 mg/kg rat oral

4. FIRST AID MEASURES

After contact with the eyes: Immediately rinse eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

After contact with the skin: Immediately rinse with running water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Seek immediate medical attention. If conscious, give 3-4 glasses of milk (or if unavailable, water) DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media:
Suitable: All

Special Fire Fighting Procedures: This product is flammable.

Unusual Fire and Explosion Hazards:

Hazardous Product of combustion: Toxic organic vapours, amines and oxides of carbon and nitrogen and hydrogen chloride

SAFETY DATA SHEET

SUPER O

6. ACCIDENTAL RELEASE MEASURES

Spills: Wear appropriate protective equipment and respirator where mists or vapours of unknown concentrations may be generated

Large Spills: Do not allow the product to enter drains or waterways. Remove leaking containers to a detached area. Bund spill area and recover, consider recycling. Absorb spilled product with inert material (e.g. sand, earth etc.).

Floors may become slippery. NB vigorous flushing may generate copious foam.

Disposal: Dispose of waste to an approved waste disposal facility.

Cleaning of equipment: Clean with water.

7. HANDLING AND STORAGE

Handling: Measures to prevent fire and explosion: No special measures required. Avoid eye contact.

Storage: Do not contaminate drinking water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Personal Protective Equipment

Eye Protection: Safety glasses/goggles

Hand Protection: PVC gloves

Skin and Body Protection: N/D

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	N/D
Boiling Point (degree c):	100°C
Flash Point (degree c):	N/D
Max, % Volatile:	N/D

SAFETY DATA SHEET

SUPER O

Density at 20 degree c, g/ml:	N/D
Solubility in Water:	100%
pH:	N/D

10. STABILITY AND REACTIVITY

Stability: Stable under normal operating conditions

Materials to Avoid: N/D

Hazardous Decomposition Products: N/A

Dangerous Reactions: None

11. TOXICOLOGICAL INFORMATION

Health Effects: Swallowed: Harmful if swallowed
 Eye: Irritant
 Skin: Irritant
 Inhaled: Irritating if inhaled.

Acute oral Toxicity: N/D

Acute Dermal Toxicity: N/D

Skin Irritation: Wash contaminated area for 15 minutes; if irritation persists consult a doctor.

Eye Irritation: Flush well with water for 15 minutes, then consult a doctor.

Sensitisation: N/D

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: N/A

Avian Toxicity: N/A

13. DISPOSAL CONSIDERATIONS

1. Dispose of waste to an approved waste disposal facility.

SAFETY DATA SHEET

SUPER O

2. Disposal of empty container: Triple rinse then send to the local council approved recycling facility.
3. Disposal of packaging: Send to the local council approved recycling facility.

14. TRANSPORT REGULATIONS

U.N Number:	N/A
Hazchem code:	N/A
Proper Shipping Name:	N/A
Packing Group:	N/A
Dangerous Goods Class:	N/A

15. REGULATORY INFORMATION

ERMANZ Approval Code:	HSR002528	
Group Standard:	Cleaning products (Flammable) Group Standard 2006	
HSNO Classifications:	Subclass 3.1 Category D	Substances that are flammable liquids.
	Subclass 6.1 Category D	Substances that are acutely toxic.
	Subclass 6.3 Category B	Substances that are irritating to dermal tissue.
	Subclass 6.4 Category A	Substances that are irritating to ocular tissue.
	Subclass 9.1 Category C	Substances that are harmful in the aquatic environment.
	Subclass 9.2 Category C	Substances that are harmful in the soil environment.
Labelling:	Caution – Keep out of reach of children.	

16. OTHER INFORMATION

This Safety Data Sheet supersedes all previous issues. It summarises our best knowledge of the health and safety hazard of the product. All users should read this Safety Data Sheet and consider the information in context of how the product will be handled and used in the workplace, including in conjunction with other products. Since the actual use of this product is beyond the control of QUALCHEM PRODUCTS LTD, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.

SAFETY DATA SHEET

SUPER O

N/A = NOT APPLICABLE, N/D = NO DATA AVAILABLE, N/E = NON ESTABLISHED