

SECTION 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION



Product Name EQUISOL VITALISE
Other Names NA
Manufacturer's Product Code REJUVEN8
Recommended Use Timber brightener cleaner

Supplier

Company	Surface Logic Pty Ltd
Address	2/17 Bailey Crescent, Southport, Qld 4215
Phone	1300 966 322
Website	equisol.com.au

Emergency Telephone Numbers

Business Hours	0403 477 772
After Hours	0403 477 772
Poisons Information	Australia 13 11 26 New Zealand 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION	
Signal Word	Danger
HAZARD CLASSIFICATIONS Category 4 Category 2 Category 1 Category 1A	Acute Toxicity - Oral Acute Toxicity - Dermal Skin Corrosion/Irritation Serious Eye Damage/Irritation Sensitisation - Skin
HAZARD STATEMENTS H302 H312 H315 H317 H318	Harmful if swallowed Harmful in contact with skin Causes skin irritation May cause an allergic skin reaction Causes serious eye damage
	 <p>CAUSES ALLERGIC SKIN REACTION</p>  <p>CORROSIVE</p>

Precautionary statements

PREVENTION P102 P103 P261 P264 P270 P272 P280	Keep out of reach of children Read label before use Avoid breathing dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective clothing, gloves, eye/face protection and suitable respirator.
RESPONSE P101 P301+P310 P302+P352 P305+P351+P338 P310 P330 P333+P313 P362	If medical advice is needed, have product container or label at hand. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
STORAGE P405	Not allocated
DISPOSAL P501	Dispose of contents/container in accordance with local, regional, national and international regulations.
POISON SCHEDULE	S6. Poison
DANGEROUS GOOD CLASSIFICATION	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS		
CHEMICAL ENTITY	CAS NO.	PROPORTION
Oxalic acid	144-62-7	1-10% (w/w)
Surfactant mixture	-	1-10% (w/w)
Terpenes and terpenoids, orange oil	68647-72-3	1-10% (w/w)
Ingredients determined to be non-hazardous or below reporting limits		Balance
		----- 100%

SECTION 4. FIRST AID MEASURES	
If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).	
INHALATION	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
SKIN CONTACT	Effects may be delayed. This material, or a component of the material, can be absorbed through the skin with resultant toxic effects. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.
EYE CONTACT	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
INGESTION	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.
PPE FOR FIRST AIDERS	Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

SECTION 5. FIRE FIGHTING MEASURES

HAZCHEM CODE	Not applicable.
SUITABLE EXTINGUISHING MEDIA	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
SPECIFIC HAZARDS	Non-combustible material.
FIRE FIGHTING FURTHER ADVICE	Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
LARGE SPILLS	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.
DANGEROUS GOODS - INITIAL EMERGENCY RESPONSE GUIDE NO.	Not applicable

SECTION 7. HANDLING AND STORAGE

HANDLING	Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.
STORAGE	<p>Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.</p> <p>This material is a Scheduled Poison Schedule 6 (Poison) and must be stored, maintained and used in accordance with the relevant regulations.</p>

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION						
NATIONAL OCCUPATIONAL EXPOSURE LIMITS		TWA		STEL		NOTICES
		ppm	mg/m3	ppm	mg/m3	
	Oxalic acid	-	1	-	2	-
	<p>As published by Safe Work Australia. TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.</p> <p>STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.</p>					
BIOLOGICAL LIMIT VALUES	As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.					
ENGINEERING MEASURES	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.					
PERSONAL PROTECTION EQUIPMENT	SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES. Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.					
HYGIENE MEASURES	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.					

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES	
FORM	Liquid
COLOUR	Lime yellow
ODOUR	Slight acidic
SOLUBILITY	Soluble in water
SPECIFIC GRAVITY	1.045
RELATIVE VAPOUR DENSITY (AIR=1)	>1
VAPOUR PRESSURE (20 °C)	Not available
FLASH POINT (°C)	Not applicable
FLAMMABILITY LIMITS (%)	Not applicable
AUTOIGNITION TEMPERATURE (°C)	Not available
MELTING POINT/RANGE (°C)	Not available
BOILING POINT/RANGE (°C)	Approx. 100
PH	Not available
VISCOSITY	Not available
TOTAL VOC (G/LITRE)	Not available

SECTION 10. STABILITY AND REACTIVITY	
CHEMICAL STABILITY	This material is thermally stable when stored and used as directed.
CONDITIONS TO AVOID	Elevated temperatures and sources of ignition.
INCOMPATIBLE MATERIALS	Oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and nitrogen, smoke and other toxic fumes.
HAZARDOUS REACTIONS	No known hazardous reactions.

SECTION 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE EFFECTS

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Harmful in contact with skin. Can be absorbed through the skin with resultant toxic effects. Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

ACUTE TOXICITY

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas

Skin contact: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 1,000 - 2,000 mg/Kg bw

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

CHRONIC TOXICITY

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

SECTION 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 3 Hazard (9.1C New Zealand). Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 10 - 100 mg/L, where the substance is not rapidly degradable and/or $BCF \geq 500$ and/or $\log Kow \geq 4$.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

SECTION 14. TRANSPORT INFORMATION**ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15. REGULATORY INFORMATION**This material is not subject to the following international agreements:**

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).
- All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

HSNO Group Standard: HSR002530 - Cleaning Products (Subsidiary Hazard) Group Standard

SECTION 16. OTHER INFORMATION

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Surface Logic Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.