

Material Safety Data Sheet

EQUALise - Soil & Irrigation Conditioner

1: Company Details

Issued by	Greenshed Pty Ltd
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Date of preparation	October 2008

2: Identification

Product Name:	EQUALise
Use	Soil and Irrigation
Product Code	
UN Number	None allocated
Dangerous Goods	None allocated
Hazchem Code	None allocated
Poisons Schedule	Not scheduled

3: Use

Major Use:	Irrigation and soil conditioner for management of bicarbonates and sodium ions.
Application:	Injected through irrigation or applied direct to soils

4: Composition / information on ingredients

Hazardous ingredient	CAS No.	Inclusion rate w/w
Active: salts of long chain organic acids	37199-81-8	25%
Surfactant: Proprietary	92879-30-6	10%
Sticking agent: Proprietary	9003-11-6	7%
Inerts	7732-18-5	58%

5: Properties

Appearance:	Dark brown Liquid.
Boiling Point:	Not applicable.
Vapour Pressure:	Not applicable.
Specific Gravity:	1.08 – 1.10
Flashpoint:	Not applicable.
Flammability:	Non-flammable.
Boiling Point	100-102°C
Freezing Point	<-5°C
pH	8.4 - 8.8
Solubility in Water:	Miscible in water

6: Health Hazard Information

INHALATION:	Provide fresh air
INGESTION:	DO NOT INDUCE VOMITING Rinse Mouth & seek Medical Attention
EYES:	Rinse eye with water immediately. Continue to rinse for at least 15 minutes Get Medical attention if irritation persists after washing
SKIN:	Remove contaminated clothing. Rinse with plenty of water Get medical attention if irritation persists after washing
<i>Advice to Doctor</i>	Treat symptomatically.
<i>Acute</i>	
<i>Swallowed:</i>	LD ₅₀ > 3000 mg/kg .
<i>Eye:</i>	Non-Irritating
<i>Skin:</i>	Non-Irritating Not a skin sensitiser
<i>Chronic</i>	No information.

7: Precautions for Use

Exposure Standards:	Use sensible work practices to reduce operator exposure.
Eye protection:	Wear appropriate safety goggles when mixing.
Flammability:	
Fire Hazards:	Not flammable under conditions of use.

8: Safe Handling Information

Storage and Transport:	Safe to handle.
Clean Up and Spills:	Absorb with vermiculite or other inert absorbent material and dispose of in landfill according to local rules.
Waste Disposal:	Disposal in approved landfill. Do not contaminate any streams, lakes or ponds.
Fire/Explosion Hazard:	Not dangerous. Extinguish with water, foam or CO ₂ .
Chemical Reactivity:	Avoid contact with strong acids.

9: Ecotoxicity Information

No adverse environmental effects are expected from normal use.

LD 50, 96 hrs FISH mg/L >2500

10: Disposal Considerations

Product: Waste product should be disposed of in an approved landfill, or buried 500 mm deep on farm at a site kept for this purpose. For disposal of large quantities contact Organic Crop Protectants 1800 634 204.

Containers: Triple rinse empty containers and add the rinseate to the spray tank. The container may then be crushed and buried in an approved landfill.

11: Regulatory Information

N/A

12: Other Information

EQUALise is registered trademark of GREENSHED Pty Ltd.

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