



MATERIAL SAFETY DATA SHEET

Soften-It T™

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: **Soften-It T™**

Recommended Use: **Spray Adjuvant for Use with Calcium Chloride**

Supplier: Campbells Fertilisers Australasia

Address: 18 Raymond Road, Laverton North, Victoria, 3026

Telephone: (03) 9931 2211

Facsimile: (03) 9931 2201

Website: www.campbellsfert.com.au

Emergency Telephone Number: (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard Designation: Not classified as a hazardous substance according to the criteria of NOHSC

Risk Phrases: None allocated

Safety Phrases: None allocated

ADG Classification: Not classified as a dangerous good according to the Australian Dangerous Goods Code

SUSDP Classification: Schedule 5

3. COMPOSITION / INFORMATION ON INGREDIENTS

<i>Classification and Type:</i>		
Material:	CAS Number:	Proportion (%w/w):
Alkyl Glucosides	Mixture	< 22%
Tri- and Di- Ethanolamine	102-71-6 / 111-42-2	< 30%
Other Non-Hazardous Ingredients	-	To 100%

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4. FIRST AID MEASURES

Symptoms of Exposure

No adverse health effects expected if the product is handled in accordance with this MSDS and the product label. Symptoms that may arise if the product is mishandled are:

Inhalation:	May cause irritation
Skin Contact:	May cause irritation
Eye Contact:	Causes serious eye damage
Ingestion:	May cause nausea, abdominal pain, vomiting or diarrhoea

First Aid Actions

Seek medical assistance immediately if exposed.

Inhalation:	Remove to fresh air and seat in a position comfortable for breathing
Skin Contact:	Wash with soap and water
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a Poison Centre or doctor/physician
Ingestion:	Give water if conscious. Do not induce vomiting.
First Aid Facilities:	Eyewash should be available
Medical Personnel	Treat symptomatically

5. FIRE FIGHTING MEASURES

Type of Hazard:	Not flammable
HAZCHEM Code:	Not applicable
Extinguishing Media & Methods:	Use media appropriate to flammable material. Contain runoff.
Hazards from Combustion Products:	Oxides of carbon and nitrogen.
Recommended Protective Clothing:	Wear self-contained breathing apparatus and protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Containment and Clean Up:	Contain spillage with absorbent material. If not possible to reuse, dispose of at an appropriate landfill in consultation with your local council.
Personal Protection:	See section 8 for appropriate PPE
Special Requirements:	Use Section 13 for instructions for the disposal of waste/ contaminated material.

7. HANDLING AND STORAGE

Handling:	Wear appropriate PPE as detailed in Section 8.
Storage:	<p><i>Site Requirements:</i> Store in cool place away from foodstuffs</p> <p><i>Packaging:</i> Preferably store in original container maintaining full label information.</p>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards:	No exposure standards have been set for this substance.
Engineering Controls:	Use in a well-ventilated area or with supplied-air breathing apparatus.
Personal Protective Equipment:	<p><i>Specifications for Equipment:</i> Wear imperious gloves, eye and face protection. Wear overalls or similar full protective clothing.</p> <p><i>General Hygiene:</i> Wash hands and exposed skin after handling and before eating.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid
Odour:	Mild ammonia smell
Specific Gravity:	1.1
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Solubility:	Infinite in water
pH:	Alkaline
Flashpoint:	Not flammable

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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal circumstances
Hazardous Polymerisation:	Will not occur
Conditions to Avoid:	No specific conditions are known to increase hazard
Incompatible Materials:	None known
Hazardous Decomposition Products:	May release oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Toxicity Data:	LD ₅₀ (calculated) 4300 mg/kg
Health Effects	Harmful if swallowed, in contact with skin or if inhaled May cause skin irritation Causes serious eye damage May cause damage to liver and kidneys through prolonged or repeated exposure

12. ECOLOGICAL INFORMATION

Potential Environmental Interactions:	Harmful to the soil environment and terrestrial invertebrates
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13. DISPOSAL CONSIDERATIONS

Product Disposal:	Use as directed on label. If this is not possible, dispose of at an appropriate landfill in consultation with local authorities or your supplier
Container Disposal:	Triple rinse container and deposit at an approved recycler or designated collection depot. Or render packaging incapable of holding product and dispose of at an approved landfill.

14. TRANSPORT INFORMATION

UN Number:	None allocated
Proper Shipping Name:	None allocated



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DG Class and Subsidiary Risk: None allocated
Packing Group: None allocated
HAZCHEM Code: None allocated
Special Precautions: None allocated

15. REGULATORY INFORMATION

Regulatory Status: Fertilizers do not require registration in Australia

16. OTHER INFORMATION

Edition: Initial version
Revision Due: 19 February 2015
Reason for Revision: -
Additional Information: Directions for use are found on the product label.

Glossary:

CAS Chemical Abstract Services Number, used to uniquely identify chemical compounds
LD₅₀ Lethal dose to kill 50% of test animals or organisms
NOHSC National Occupational Health and Safety Commission
PPE Personal Protective Equipment
SUSDP Standard for the Scheduling of Drugs and Poisons

This MSDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Campbells Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF MSDS