



MATERIAL SAFETY DATA SHEET

SALTERO

Date of Issue: January 01, 2011

IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: **Saltero**

Recommended Use: **Soil Conditioner**

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 to 5.00)

1. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard Designation: Classified as non-hazardous according to the criteria of NOHSC.

Risk Phrases: Not applicable

Safety Phrases: Not applicable

ADG Classification: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

SUSDP Classification: Not available

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
<i>Components vary between products – see label for specific content information</i>		
Non hazardous organic salt	not available	no data
Water	7732-18-5	to 100

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3. FIRST AID MEASURES

If exposed, concerned or if symptoms persist, get medical attention/advice. If medical advice is needed, have product container or label at hand.

Inhalation:	No first aid measures normally required. However, if vapours or mists have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
Skin Contact:	If product gets on skin, thoroughly wash contacted areas. No further measures should be required unless irritation is noticed. If irritation persists, seek medical attention.
Eye Contact:	If product gets in eyes, wash material from them with running water. If they begin watering or reddening, take special care in washing thoroughly.
Ingestion:	If swallowed do NOT induce vomiting. Give a glass of water.
First Aid Facilities:	
Medical Personnel	Treat symptomatically. Note the nature of this product.

4. FIRE FIGHTING MEASURES

Extinguishing Media:	This product does not burn. Use extinguishing media suitable to the materials that are burning.
Hazards from Combustion Products:	Fire decomposition products from this product may form toxic mixtures in confined spaces. Likely to decompose only after heating to dryness followed by further strong heating.
Precautions for Fire Fighters:	When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.

5. ACCIDENTAL RELEASE MEASURES

Containment and Clean Up	Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accordance with all regulations.
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6. HANDLING AND STORAGE

Handling:

Storage: No special storage requirements.
Containers should be kept closed in order to minimise contamination.
Keep from extreme heat and open flames, and make sure that the product does not come into contact with strong acids.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: A time weighted average (TWA) concentration for an 8hour day and 5 day week has not been established by NOHSC Australia for any major ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established.

Engineering Controls: In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentration of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

Personal Protective Equipment:
Eyes: Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.
Gloves: Impermeable protective gloves should be worn when you are using this product, to prevent irritation. For help in selecting suitable equipment, consult AS 2161.
Other. Respiratory Protection; It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.
Clothing; This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Consult AS2919 for advice on Industrial Clothing.
Safety Boots; Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Other Use Precautions: Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

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8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber coloured liquid.
Odour:	Mild odour.
Vapour Pressure:	Approximately 100° C at 100kPa.
Vapour Density:	
Boiling Point:	Approximately 100° C at 100kPa
Freezing/Melting Point:	
Solubility:	Completely soluble.
Density:	
pH:	7-9
Flash Point:	Does not burn.
Flammability (explosive) Limits:	Not applicable. This product does not burn.
Auto-Ignition Temperature:	
Octanol/Water Partition Coefficient:	

9. STABILITY AND REACTIVITY

Chemical Stability:	This product is unlikely to spontaneously decompose.
Hazardous Polymerisation:	This product is unlikely to spontaneously polymerise.
Conditions to Avoid:	Fire decomposition products from this product may form toxic mixtures in confined spaces. Likely to decompose only after heating to dryness followed by further strong heating.
Incompatible Materials:	Strong acids.
Hazardous Decomposition Products:	Carbon dioxide, and if combustion is incomplete carbon monoxide and smoke. Water.

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10. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Inhalation:	Data suggests that this product should present no significant problems.
Skin contact:	This product may be mildly irritating to skin. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.
Eye contact:	This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.
Ingestion:	Data suggests that this product should present no significant problems.
Other:	
Chronic:	No specific data is available for the product for chronic exposure symptoms.

TOXICOLOGY

<u>Acute:</u>	
Oral Toxicity:	LD ₅₀ (rat) > 3000 mg/kg
Dermal Toxicity:	No data
Inhalation Toxicity:	No data
Skin Irritation:	May be mildly irritating
Eye Irritation:	Mildly irritating
Sensitisation:	No data
<u>Chronic:</u>	

11. ECOLOGICAL INFORMATION

Environmental Fate:	No data
Mobility:	No data
Persistence / Degradation:	No data
Ecotoxicological Information:	No data



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12. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: This material may be suitable for approved landfill. Dispose of only in accord with local regulations.

Contaminated Packaging: Empty containers should be triple rinsed before burying in approved landfill. Dispose of only in accord with local regulations.

13. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: None allocated

Class and Subsidiary Risk: None allocated

Packing Group: None allocated

EPG: Not available

Hazchem Code: None allocated

14. REGULATORY INFORMATION

SUSDP: Not available

APVMA: Does not require registration with APVMA

State Departments of Agriculture / Primary Industries: Not available

Australian Inventory of Chemical Substances (AICS): Not available

15. OTHER INFORMATION

Trademark Information:

Preparation Information: Prepared by Campbells Fertilisers Australasia

Data Sources: Supplier MSDS

END OF MSDS