

Safety Data Sheet



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Organic Root Gro

Recommended use of the chemical and restrictions on use: Agricultural Fertilizer Additive

Supplier:
ABN: Grosafe Chemicals
Street Address: 20 Jean Batten Drive
Mt Maunganui
Tauranga

Telephone Number: +075722662

Emergency Telephone:

2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.
Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Not classified as Hazardous Substance by the criteria of the New Zealand EPA under the HSNO Act.

Poisons Schedule (SUSMP): None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
www.epa.govt.nz/Publications/is8-may2001.pdf . <i>Manufactured articles</i> (No. 11, May 2001), http://www.epa.govt.nz/Publications/www.epa.govt.nz/Publications/is8-may2001.pdf . <i>Manufactured articles</i> (No. 11, May 2001), http://www.epa.govt.nz/Publications/THE_IDENTITY_OF_THE_INDIVIDUAL_COMPONENTS_OF_THIS_MIXTURE_IS_PROPRIETARY_INFORMATION_AND_IS_REGARDED_TO_BE_A_TRADE_SECRET_IN_ACCORDANCE_WITH_THE_PROVISIONS_OF_S1920.1200_OF_TITLE_29_OF_THE_CODE_OF_FEDERAL_REGULATIONS .	N/A	N/A	N/A
PRODUCT IS NON-HAZARDOUS AND NON-TOXIC.			

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation: Remove to fresh air. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, wash with soap and water. If irritation occurs seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: If swallowed, do NOT induce vomiting. Seek medical advice.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: normal foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the substance or mixture:

Non-combustible material.

Special protective equipment and precautions for fire-fighters:

Fire fighters self-contained breathing apparatus and suitable protective clothing should be worn when fighting fires involving any chemicals.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions:

Product is non-hazardous and non-toxic.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material)

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists.

Conditions for safe storage, including any incompatibilities:

Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: No value assigned for this specific material by Safe Work Australia.

Appropriate engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection: B - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GL



Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Dark Color
Odour:	Neutral Odor
Solubility:	Soluble in water.
Specific Gravity:	1.05 approx.
Relative Vapour Density (air=1):	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	>250° F
Flammability Limits (%):	Not applicable
Auto ignition Temperature (°C):	Not applicable
% Volatile by Volume:	Not available
Solubility in water (g/L):	Not available
Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	>200 F
Decomposition Point (°C):	Not available
pH:	3.2 – 3.6
Viscosity:	Not available
Evaporation Rate:	Not available

10. STABILITY AND REACTIVITY

Reactivity:	No information available.
Chemical stability:	Stable.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	None known.
Incompatible materials:	None known.
Hazardous decomposition products:	None known.

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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:

Ingestion: Swallowing can result in nausea, vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation.

Inhalation: Breathing in mists or aerosols may produce respiratory irritation.

Acute toxicity: No data available for the product.

Chronic effects: No information available for the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

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

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15. REGULATORY INFORMATION

Classification:

NON-HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP): None allocated.

16. OTHER INFORMATION

Pack sizes: 200ml Bottles