



Bass Laboratories Pty Ltd.
ABN: 66 698 091 866
40/35-37 JESICA RD
Campbellfield Vic 3061.
PH: (03) 9357 0101 FAX: 039357 0179

Material Safety Data Sheet

Issue Date: 04/03/2013

PRODUCT NAME: **ROOTEX G**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name ROOTEX G – Hormone rooting Gel
Product Use Striking and accelerating root growth on plant cuttings.
Company Name BASS LABORATORIES PTY LTD (ABN 66 698 091 866)
Address 40/35-37 JESICA RD CAMPBELLFIELD
VIC 3061 Australia
Emergency Tel. (03) 9357 0101
Telephone Tel: (03) 9357 0101 Fax: (03) 9357 0179
Number/fax

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Product based on water, thickener, preservative and an agricultural additive.

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be Hazardous	Not required	100%

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

Risk phrases:
Nil

Safety phrases:
S24/25 Avoid contact with skin and eyes.
S44 If you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops and persists, seek medical attention.

Ingestion DO NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.

Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops and persists, seek medical attention.

First Aid Facilities Eye wash station, safety shower and normal washroom facilities.

Advice to Doctor Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media suitable for surrounding fire situation.
Specific Hazards	Nil.
Precautions in connection with Fire	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, absorbent material onto spillage. Use tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling	Repeated or prolonged exposure without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet.
Storage	Use only in a well ventilated area. Keep container closed and bung in place. This product should be stored in a cool, dry, well ventilated area, out of the reach of children and away from oxidising agents. Do not store for prolonged periods in direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure should be kept to the least possible levels.
Respiratory Protection	Avoid breathing of vapours or mists. Where ventilation is inadequate and vapours or mists are generated the use of an approved respirator with organic vapour filter or a supplied air respirator complying with AS/NZS 1715 and AS/NZS 1716 is recommended, depending on surrounding work conditions. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715 – Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 – Respiratory Protective Devices.
Eye Protection	Safety glasses or face shield as appropriate. Refer to the Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.
Hand Protection	Impervious rubber gloves (ie. neoprene, nitrile, natural) are recommended. Final choice is dependant upon individual circumstances and a glove manufacturer should be consulted for advice.
Body Protection	Impervious protective clothing where likely to be contaminated.
Eng. Controls	Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a flame proof exhaust ventilation system and equipment, as necessary, is recommended.
Other information	No Biological Limit Value allocated.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow/brown tinted aqueous gel.
Odour	Slight odour.
Boiling Point	98°C
Solubility in Water	Soluble
Specific Gravity (H₂O = 1)	1.00
pH Value	7.0 – 7.5
Physical State	Gel
Flash Point	Not applicable
Flammability	Not applicable
Flammable Limits LEL	Not available.
Flammable Limits UEL	Not available.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Hazardous	Will not occur.
Polymerization	
Materials to Avoid	Strong oxidising agents.
Hazardous	Oxides of Carbon and Nitrogen.
Decomposition	
Products	
Hazardous Reaction	Strong oxidising agents may produce violent reaction.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	An agricultural additive is contained in this product, although well below cutoff levels for any workplace hazard classification, can still present harmful and even toxic effects if exposure is prolonged, repeated, or excessive with no personal protective equipment used. Exposure through skin contact, inhalation or swallowing can result in very serious toxic effects. Hence, exposure without personal protection should be avoided.
Inhalation	May cause respiratory irritation.
Ingestion	May be harmful if swallowed.
Skin	May cause irritation in contact with the skin, which can result in redness, itchiness, swelling and possibly lead to dermatitis. Repeated or prolonged contact with this material may result in systematic absorption leading to serious harmful and possibly toxic effects similar to those of ingestion and inhalation.
Eye	Eye contact may cause eye irritation.
Chronic Effects	Prolonged and repeated exposure through skin contact, inhalation or swallowing of this material with no personal protection may result in very serious toxic effects.

12. ECOLOGICAL INFORMATION

Environ. Protection	Prevent this material from entering the environment.
Mobility	No data is available for this product.
Persistence / Degradability	No data is available for this product.
Bioaccumulation	No data is available for this product.
Ecotoxicity	No data is available for this product.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

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14. TRANSPORT INFORMATION

U.N. Number	None allocated
Proper Shipping Name	None allocated
DG Class	None allocated
Hazchem Code	None allocated
Packing Group	None allocated
EPG Number	None allocated
IERG Number	None allocated

15. REGULATORY INFORMATION

Safety Phrase	S24/25 Avoid contact with skin and eyes. S44 If you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).
Poisons Schedule	Not Scheduled
AICS (Australia)	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point	Bass Laboratories: Technical Manager (03) 9357 0101
SDS History	MSDS Creation: December 2003 Reviewed: 01 JUNE 2011 Reviewed: 04/03/2013 ... End of MSDS...