

**ROOTEX G****NON-HAZARDOUS** according to the criteria of the WHS/GHS

ISSUE DATE 14 APRIL 2016

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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| PRODUCT IDENTIFIER | 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 |
| TELEPHONE | 03 9357 0101 |
| EMERGENCY TELEPHONE | 03 9357 0101 |
| FAX | 03 9357 0179 |

SECTION 2 — HAZARDS IDENTIFICATIONClassified as **NON-HAZARDOUS** according to the criteria of the WHS/GHS.**NON-DANGEROUS GOODS** according to the ADG Code.**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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|-------------------------|---|--------------|------------|
| INFORMATION | Product based on water, thickener, preservative and an agricultural additive. | | |
| COMPOSITION INGREDIENTS | NAME | CAS | PROPORTION |
| | Ingredients determined not to be hazardous | Not required | 100% |

SECTION 4 - FIRST AID MEASURES

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| 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) occurs, 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. |
| SCHEDULED POISONS | Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. (Phone Australia 13 1126) or a doctor (at once). |

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SECTION 5 - FIRE FIGHTING MEASURES

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| 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. |
| Hazchem Code | None allocated. |
| IERG | None allocated. |
| Flammability | Non-flammable. |

SECTION 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.

SECTION 7 - HANDLING AND STORAGE

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| 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. Use only in a well ventilated area. Keep container closed and bung in place. |
| Storage | 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. |

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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| 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 dependent 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 dependent 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 is recommended. |
| Other information | No Biological Limit Value allocated. |

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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| 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. |

SECTION 10 - STABILITY AND REACTIVITY

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

SECTION 11 - TOXICOLOGICAL INFORMATION

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| Toxicology Information | An agricultural additive contained in this product, although well below cutoff levels for any workplace hazard classification, can 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. |

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SECTION 12 - ECOLOGICAL INFORMATION

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| 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. |

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

Not classified as a Dangerous Good under the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

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|-----------------------------|-----------------|
| 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. |

SECTION 15 REGULATORY INFORMATION

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| Poisons Schedule | Not Scheduled. |
| AICS (Australia) | All ingredients are listed in the Australian Inventory of Chemical Substances (AICS). |

SECTION 16 - OTHER INFORMATION

This SDS 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 SDS 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.

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| Contact Person/Point | Bass Laboratories: Technical Manager (03) 9357 0101 |
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| SDS History | SDS Creation: December 2003 |
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| | Reviewed: 01 June 2011 |
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| | Updated: 04 March 2013 - change of address |
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| | Reviewed: 26 March 2015 |
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| | Reviewed: 14 April 2016 |
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