

SAFETY DATA SHEET

Transit Re-Leaf

Version: 1.1

Issued: 15th January 2020

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CLASSIFICATION OF MATERIAL

Based on available information, not classified as hazardous according to criteria of NOHSC 1008 (2004). Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | | |
|-----|-------------------------------------|---|
| 1.1 | Product: | Transit Re-Leaf [®] |
| 1.2 | UN Proper Shipping Name: | None allocated |
| 1.3 | Recommended Use: | Fertilizer |
| 1.4 | Supplier: | Dual Chelate Fertilizer Pty Ltd |
| 1.5 | A.B.N: | 956 1459 9923 |
| 1.6 | Address: | 162, New Guinea Road, Robinvale, VIC 3549 |
| 1.7 | Telephone Number: | (03) 5026 4052 (Australia) |
| 1.8 | Facsimile: | (03) 5026 4052 (Australia) |
| 1.9 | Emergency Telephone Numbers: | (03) 5026 4052 (Australia: Weekdays 8.00am to 5.00pm) Poisons Information Centre Australia: 13 1126 Poisons Information Centre New Zealand: 0800 764 766 |

2. HAZARDS IDENTIFICATION

| | | |
|-----|-------------------------------|---|
| 2.1 | Hazard Classification: | Non-hazardous Substance. Non-Dangerous Goods. |
| 2.2 | GHS Classification: | Not applicable. |
| 2.3 | Hazard Statements: | No hazard statements. |
| 2.4 | Prevention Statements: | P102 Keep out of reach of children. P103 Read label before use. P104 Read Safety Data Sheet before use. |
| 2.5 | Response Statements: | No response statements. |
| 2.6 | Storage Statements: | No storage statements. |
| 2.7 | Disposal Statements: | P501 Dispose of waste material through a licensed contractor or facility. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | Proportion % |
|---------------|------------|--------------|
| Amino Acid | | 80-90 |

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4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

- Ingestion:** Immediately remove product from the mouth and rinse mouth out with plenty of water. Then provide water slowly and as much as casualty can comfortably drink. but do not induce vomiting. If discomfort persists or symptoms develop, seek medical attention.
- Eye:** Immediately hold the eyes open and wash with fresh running water. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs, seek medical attention.
- Skin:** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Inhalation:** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

4.2 Medical Attention and Special Treatment

- First Aid Facilities:** No special facilities required.
- Comments:** Treat according to person's condition and specifics of exposure.
- Advice to Doctor:** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Equipment:** Carbon dioxide, dry chemical powder, water spray or fog and foam may be used as extinguishing media.
- 5.2 Specific Hazards Arising from The Chemical:** Non flammable. May evolve oxides of carbon, nitrogen and Sulphur.
- 5.3 Special Protective Equipment and Precautions for Fire Fighters:** Non flammable. Evacuate area and contact emergency services. Toxic gases (oxides of carbon, nitrogen and Sulphur) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Transfer material to a suitable labelled container for recycling or disposal.
- 6.2 Environmental Precautions:** Do not allow large quantities to enter drains or surface waters.
- 6.2 Methods and Materials for Containment and Clean Up:** Recover product and dispose of waste according to Federal, E.P.A., State and Local regulations.

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7. HANDLING AND STORAGE

- 7.1 **Precautions for Safe Handling:** Do not take internally. Exercise good industrial hygiene practice. Wear protective clothing. Wash after handling, especially before eating, drinking or smoking.
- 7.2 **Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry area, away from heat and out of direct sunlight. Do not leave product in open containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **National Exposure Standards:** Not exposure standard allocated.
- 8.2 **Biological Limit Values:** No biological limit allocated.
- 8.3 **Engineering Controls:** No engineering controls necessary.
- 8.4 **Personal Protective Equipment:** Wear appropriate clothing and eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Physical Description / Properties**
- Appearance:** Dark brown liquid
- Odour:** slight Odour.
- pH:** 4-5
- Viscosity (cP @ 25°C):** Not applicable.
- Vapor Pressure:** Not applicable.
- Vapor Density:** Not applicable.
- Boiling Point (°C):** 100 °C approximately
- Freezing Point (°C):** Not applicable.
- Melting Point (°C):** Not applicable.
- Solubility In Water (g/100 mL):** Soluble.
- Specific Gravity (@ 25°C):** 1.0-1.5
- Flash Point (°C):** Not determined.
- Lower Explosive Limit (%):** Not applicable.
- Upper Explosive Limit (%):** Not applicable.
- Autoignition Temp (°C):** Not available.
- Decomposition Temp (°C):** Not available.

10. STABILITY AND REACTIVITY

- 10.1 **Reactivity:** Not relevant.
- 10.2 **Chemical Stability:** The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.3 **Conditions to Avoid:** Direct sunlight and heat.
- 10.4 **Incompatible Materials and Possible Hazardous Reactions:** Not available.
- 10.5 **Hazardous Decomposition Products:** Thermal decomposition may result in release of oxides of carbon, nitrogen & sulfur.

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11. TOXICOLOGICAL INFORMATION

- 11.1 **Likely Route of Exposure:** [] Inhalation [X] Skin contact [X] Ingestion
- 11.2 **Health Effects From Likely Route of Exposure:**
- Acute**
- Ingestion:** Ingestion of this product may cause nausea, headache, gastrointestinal irritation, diarrhea and vomiting.
- Eye:** Discomforting to the eyes and is capable of causing a mild irritation
- Skin:** The product is considered relatively harmless to the skin. Repeated or prolonged skin contact may lead to irritation.
- Inhalation:** Breathing in mist or vapors may result in respiratory irritation.
- Chronic**
- Ingestion:** No known applicable information.
- Skin:** No known applicable information.
- Inhalation:** No known applicable information.
- 11.3 **Other Information:** No known applicable information.

12. ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Not data available.
- 12.2 **Persistence and Degradability:** Biodegradable.
- 12.3 **Bioaccumulation Potential:** No information available.
- 12.4 **Mobility in Soil:** No information available.
- 12.5 **Other Adverse Effects:** No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATIONS

- 13.1 **Disposal Method:** Single unit: Dispose of into landfill.
Large amounts: Reclaim or dispose of in accordance with local, state and federal regulations.
- 13.2 **Disposal of Contaminated Packaging:** Recycle or landfill.
- 13.3 **Environmental Regulations:** Not relevant.

14. TRANSPORTATION INFORMATION

- 14.1 **UN Number:** Not applicable.
- 14.2 **UN Proper Shipping Name:** Not applicable.
- 14.3 **Dangerous Goods Class:** Not applicable.
Packing Group: Not applicable.
- 14.4 **Environmental Hazards:** Not applicable.
- 14.5 **Special Precautions During Transport:** Not applicable.
- 14.6 **HAZCHEM Code:** Not applicable.
Additional Shipping Information: Not applicable.

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15. REGULATORY INFORMATION

- 15.1 SUSDP Poisons Schedule:** None allocated.
- 15.2 Prohibition / Licensing Requirements:** There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
- 15.3 Industrial Chemicals (Notification and Assessment) Act 1989:** All ingredients are listed on or exempt from the Australia Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

- 16.1 Issue Date:** 5th February 2018.
- 16.2 Contact Points:**
- Title / Position:** Chemist
- Telephone:** (03) 5026 4052 (Australia: Weekdays 8.00am to 5.00pm).
- E-mail:** info@dualchelate.com
- 16.3 After Hours Emergency Medical Assistance:** Poisons Information Centre.
- Telephone:** Australia: 13 1126.
New Zealand: 0800 764 766.

Disclaimer:

The information supplied on this sheet is to the best on our current knowledge at the time of preparation and is intended to describe the product for the purpose of health, safety and environment requirements only. It does not relieve the user of this product of any responsibility to comply with local, national, or international laws relating to the handling or use of this product.

The Dual Chelate Fertilizer Pty Ltd does not accept responsibility for any claims resulting from the misuse of this product or failure to comply with the information stated within.

If clarification or further information is needed, the user should contact their Dual Chelate Fertilizer's representative or Dual Chelate Fertilizer Pty Ltd at the contact details on Page 1. Dual Chelate Fertilizer Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

Since Dual Chelate Fertilizer Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

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