

SAFETY DATA SHEET

Soil Mate Agri-vive RF

Last updated: 16/10/2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Soil Mate Agri-vive RF

Product Type: Fertiliser

Recommended Use: Liquid Fertiliser

Advised Against: It is not intended for human consumption.

Manufacturer/Supplier:

Greenmate AG Pty Ltd
Greenmate Agriculture
740 Cranbourne-Frankston Road
Cranbourne South VIC 3977
1300 375 078
info@greenmate.com.au
www.greenmate.com.au/

Emergency Phone (For emergencies only; DO NOT contact for general advice):

Chemcall: 1800-127406
Poisons Information Centre: 13 11 26
EPA for large scale spills: 1300 372 842

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule: Not Applicable

GHS Classification: Not Applicable

Label elements

GHS label elements: Not applicable

Signal word: NOT APPLICABLE

Hazard statement(s): Not Applicable

Precautionary statement(s) Prevention: P102 Keep out of reach of children

Precautionary statement(s) Response: Not Applicable

Precautionary statement(s) Storage: Not Applicable

Precautionary statement(s) Disposal: P501 Dispose of contents and containers in accordance with local regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances

All ingredients are non-hazardous

Mixtures:

Ingredients	CAS No	% (weight)
Proprietary Liquid Nutrient Fertiliser Mix	N/A	100

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact:

If this product comes in contact with eyes. Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel

Skin Contact:

If skin contact occurs with concentrate. Flush skin and hair with running water. Seek medical advice in event of irritation

Inhalation: Not applicable

Ingestion:

Do NOT induce vomiting. Immediately give a glass of water. If large quantities of the product are ingested, contact a Poisons Information Centre or a doctor immediately

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

5. FIRE FIGHTING MEASURES

Extinguishing media: There is no restriction on the type of extinguisher which may be used

Special hazards arising from the substrate or mixture

Fire incompatibility: None known

Advice for firefighters

Fire Fighting: Non-combustible. Alert Fire Brigade and tell them location and nature of hazard. Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing

Fire/Explosion Hazard: Decomposition may produce hazardous vapours of Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Ammonia

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills: Sweep up & dispose of

Major Spills:

Sweep into a centralised location and place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Prevent by any means available any spillage entering a watercourse.

Personal protective equipment advice is contained in Section 8 of this SDS

7. HANDLING AND STORAGE

Precautions for safe handling

Safe handling:

Wear suitable protective clothing depending on the circumstances as per section 8. Do not mix with other chemicals unless expressly recommended by the manufacturer. Always store in original container.

Conditions for safe storage, including any incompatibilities

Suitable container: 1L drum, 5L drum, 20L drum, 200L drums, 1000L IBC's, bulk storage containers or tanks

Storage incompatibilities: None known

PACKAGE MATERIAL INCOMPATIBILITIES: Not Available

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA: Not Available

Exposure controls

Appropriate engineering controls: Ensure adequate ventilation

Personal protection: Wear gloves, dust mask, long sleeves, long pants & steel cap boots

Eye and face protection: Wear gloves, dust mask, long sleeves, long pants & steel cap boots

Hands/feet protection: Wear gloves, dust mask, long sleeves, long pants & steel cap boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown to black flowable liquid	Specific Gravity (Water = 1): 1.263
Physical state: Liquid	Partition coefficient n-octanol / water: Not Available
Odour: Low to no odour	Auto-ignition temperature (°C): Not Applicable
Odour threshold: Not Available	Decomposition temperature: Not Applicable
pH (as supplied): 6-9	Viscosity (cSt): Not Available
Melting point / freezing point (°C): Not Applicable	Molecular weight (g/mol): Not Available
Initial boiling point and boiling range (°C): Not Applicable	Taste: Not Available
Flash point (°C): Not Applicable	Explosive properties: Not Available
Evaporation rate: Not Available	Oxidising properties: Not Available
Flammability: Not Applicable	Surface Tension (dyn/cm or mN/m): Not Available
Upper Explosive Limit (%): Not Applicable	Volatile Component (%vol): Not Available
Lower Explosive Limit (%): Not Applicable	Gas group: Not Available
Vapour pressure (kPa): Not Applicable	pH as a solution: 6-9
Solubility in water (g/L): Fully Miscible	VOC g/L: Not Available
Vapour density (Air = 1): Not Available	

10. STABILITY AND REACTIVITY

Reactivity: See section 7

Chemical stability: Unstable in the presence of incompatible materials

Possibility of hazardous reactions: None known

Conditions to avoid: See section 7

Incompatible materials: See section 7

Hazardous decomposition products: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Ammonia

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled:

Mists and dust from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing and discomfort

Ingestion: May cause irritation to the mouth, throat and stomach

Skin Contact: May cause skin irritation

Eye: May cause irritation

Chronic: Extended period of contact may cause irritation in sensitive individuals

12. ECOLOGICAL INFORMATION

Toxicity: No data available

Persistence and degradability

Persistence - Water/Soil: No Data available for all ingredients

Persistence - Air: No Data available for all ingredients

Bio accumulative potential

Bioaccumulation: No Data available for all ingredients

Mobility in soil

Mobility: No Data available for all ingredients

13. DISPOSAL CONSIDERATION

Waste treatment methods

Product / packaging disposal: Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.

14. TRANSPORT INFORMATION

Labels Required

Marine Pollutant: No

HAZCHEM: Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15. REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture: Not Applicable

16. OTHER INFORMATION

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources. The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average

PC-STEL: Permissible Concentration-Short Term Exposure Limit

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Government Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit

IDLH: Immediate Danger to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL: No Observed Effects Level

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value

BCF: Bio Concentration Factors

BEI: Biological Exposure Index

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