Rapisol Tetra

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations
Issue date: 8/04/2025 Version: 1.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Product name : Rapisol Tetra
Product code : 445337

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : For use as a soil or foliar fertiliser in various agricultural situations as per Directions for Use on the label.

1.4. Details of manufacturer or importer

Supplier
Azelis Australia Pty Ltd
Suites 217-219
117 Old Pittwater Road,Brookvale, NSW 2100
Australia
Phone: +61 0299392188
Fax: +61 0299392799
e-mail: info@azelis.com.au

1.5. Emergency phone number

Emergency number : 1800 127 406 (24 h, Australia) | +64 4 917 9888 (24 h, Worldwide)
CareChem 24x7 : EUROPE: +44 1235 239670 | USA: +1 202 464 2554 | CANADA - +1 800 579 7421 (Toll Free)| ASIA - +65 3158 1074 | MOROCCO - +44 1235 239671 | REST OF THE WORLD - +44 1865 407333 (English only)

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. GHS Label elements, including precautionary statements

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%
Ethylenediaminetetraacetic acid, zinc	14025-21-9	6.0 - 6.6
Ethylenediaminetetraacetic acid, manganese	15375-84-5	4.5 - 5.1
Ethylenediaminetetraacetic acid, copper II	14025-15-1	1.5 – 2.1
Ethylenediaminetetraacetic acid, magnesium	14402-88-1	1 - 1.6

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove individual from site of exposure and place in fresh air. Seek medical attention if breathing is difficult.
. If not breathing, give artificial respiration.

First-aid measures after skin contact : Wash skin with plenty of water. In case of skin contact, immediately remove contaminated clothing and shoes wash affected area with water and soap. Seek medical attention if symptoms persist.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : May cause skin dryness.

Symptoms/effects after eye contact : May cause slight transient eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Carbon dioxide (CO2). Dry Agent.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Oxides of carbon and nitrogen.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Wear approved dust/particulate filter respirator and full protective clothing. Do not breathe dust. Avoid generating dust.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment. In the event of major spills, prevent spillage from entering drains or water courses/surface ground water.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up: : sweep granules into a pile and shovel into drums for subsequent disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Use of Safe Work practices are recommended to avoid eye or skin contact and inhalation of dust. Wash contaminated clothing and other protective equipment before storage or re-use.

Hygiene measures : Food, beverages and tobacco products should not be stored or consumed where this material is in use. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Protect from extreme temperatures.

Incompatible materials : Contact with steel or carbon may produce hydrogen.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Wear recommended personal protective equipment. Wear respiratory protection.

Hand protection : Protective gloves

Eye protection : Safety glasses. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337.1 Personal eye protection - Eye and face protectors for occupational applications

Skin and body protection : Wear suitable protective clothing. PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Personal protective equipment symbol(s)

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state	:	Solid
Appearance	:	microgranule.
Colour	:	Blue
Odour	:	odourless
Odour threshold	:	No data available
pH	:	5 – 7 (1% solution)
pH solution	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point / Freezing point	:	Freezing point: Not applicable
Boiling point	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Flammability	:	Product is not flammable
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	Relative density: 625 (@ 20°C)
Solubility	:	Water: 200 g/l
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	Not applicable
Explosive properties	:	No data available
Explosive limits	:	Not applicable
Minimum ignition energy	:	No data available
Fat solubility	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable at ambient temperature and under normal conditions of use.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	extreme temperatures.
Incompatible materials	:	Contact with steel or carbon may produce hydrogen.
Hazardous decomposition products	:	Oxides of carbon and nitrogen.

SECTION 11: Toxicological information

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 5 – 7 (1% solution)
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 5 – 7 (1% solution)
Respiratory or skin sensitisation	:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	:	Not classified (Based on available data, the classification criteria are not met)

Rapisol Tetra	
Viscosity, kinematic	Not applicable

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Rapisol Tetra	
Persistence and degradability	Biodegradable.

Ethylenediaminetetraacetic acid, manganese (15375-84-5)	
Persistence and degradability	No additional information available.

Ethylenediaminetetraacetic acid, zinc (14025-21-9)	
Persistence and degradability	No additional information available.

Ethylenediaminetetraacetic acid, copper II (14025-15-1)	
Persistence and degradability	No additional information available.

Ethylenediaminetetraacetic acid, magnesium (14402-88-1)	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Other adverse effects : No additional information available

Rapisol Tetra	
Fluorinated greenhouse gases	False

Ethylenediaminetetraacetic acid, manganese (15375-84-5)	
Fluorinated greenhouse gases	False

Ethylenediaminetetraacetic acid, zinc (14025-21-9)	
Fluorinated greenhouse gases	False

Ethylenediaminetetraacetic acid, copper II (14025-15-1)	
Fluorinated greenhouse gases	False

Ethylenediaminetetraacetic acid, magnesium (14402-88-1)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Special Precautions for Landfill or Incineration: Please consult your state Land Waste Management Authority for more information.

Sewage disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

14.1. UN number

UN-No. (ADG) : Not applicable
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not applicable
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

ADG
Transport hazard class(es) (ADG) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (ADG) : Not applicable
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail
Not applicable

Transport by sea
Not regulated

Air transport
Not regulated

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AIIC) status : All the chemicals contained in this product are listed on the AIIC(Australian Inventory of Industrial Chemicals)

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Not Scheduled

Other information on relevant regulations : The product is regulated under National and State Government Agricultural bodies and is exempted from APVMA Registration.

15.2. International agreements

No additional information available

SECTION 16: Other information

Classification	
Not classified	

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.