



# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations  
Issue date: 7/04/2025 Revision date: 20/10/2025 Version: 2.0

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : Rapisol Zn (For Agricultural Use Only)  
Product code : 445340

#### 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.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Ethylenediaminetetraacetic acid, zinc	14025-21-9	14 – 15	Acute Tox. 4 (Oral), H302 STOT SE 3, H335

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 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 person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Wash skin with soap and water. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

#### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	: May cause skin dryness.
Symptoms/effects after eye contact	: Dust may cause transient eye irritation.

#### 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. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry Agent.
------------------------------	--

#### 5.2. Specific hazards arising from the chemical

General measures	: Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon oxides (CO, CO <sub>2</sub> ). Nitrogen oxides.

#### 5.3. Special protective equipment and precautions for fire-fighters

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

General measures	: Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
------------------	---

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Evacuate personnel to a safe area. 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".
----------------------	---

#### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Avoid sub-soil penetration.

#### 6.3. Methods and materials for containment and cleaning up

For containment	: Stop leak if safe to do so.
-----------------	-------------------------------

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Methods for cleaning up: : Mechanically recover the product. Sweep granules into a pile and shovel into drums for subsequent disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust.  
Hygiene measures : 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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Store in a dry area. Keep container closed when not in use. Avoid extreme temperatures.  
Incompatible materials : Contact with steel or carbon may produce hydrogen.

### 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. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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

Personal protective equipment : Wear protective clothing. Safety glasses. Wear protective gloves. Dust formation: dust mask.  
Hand protection : Protective gloves. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Protective gloves	Polyvinylchloride (PVC), Polyvinylalcohol (PVA), Nitrile rubber, Neoprene, Rubber, Vinyl				

Eye protection : Eye and face protectors for protection against dust.  
Skin and body protection : Wear suitable protective clothing. 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.)  
Respiratory protection : In case of inadequate ventilation, wear respiratory protection. 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.

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Other information : Handle in accordance with good industrial hygiene and safety procedures. Always wash hands after handling the product. Do not eat, drink or smoke during use. Remove all contaminated clothing and footwear. Keep away from food, drink and animal feeding stuffs.

### SECTION 9: Physical and chemical properties

Physical state : Solid  
Appearance : microgranule.  
Colour : White  
Odour : odourless  
Odour threshold : No data available  
pH : 6 – 7  
pH solution concentration : 1 % Solution  
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 : 1010 (20°C)  
Density : No data available  
Solubility : Water: 700 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 : Hazardous polymerization will not occur.  
Conditions to avoid : extreme temperatures.  
Incompatible materials : Contact with steel or carbon may produce hydrogen.  
Hazardous decomposition products : Toxic fumes may be released. Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

### 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)

#### Ethylenediaminetetraacetic acid, zinc (14025-21-9)

LD50 oral rat	1750 mg/kg bodyweight
---------------	-----------------------

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 7  
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 7  
Respiratory or skin sensitization : 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)

#### Ethylenediaminetetraacetic acid, zinc (14025-21-9)

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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 Zn (For Agricultural Use Only)

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 Zn (For Agricultural Use Only)

Persistence and degradability	Biodegradable.
-------------------------------	----------------

### 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 Zn (For Agricultural Use Only)

Fluorinated greenhouse gases	False
------------------------------	-------

#### Ethylenediaminetetraacetic acid, zinc (14025-21-9)

Fluorinated greenhouse gases	False
------------------------------	-------

## SECTION 13: Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

### 14.1. UN number

Not regulated for transport

### 14.2. UN Proper Shipping Name

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

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 14.3. Transport hazard class(es)

#### ADG

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

#### IMDG

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

#### IATA

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

### 14.4. Packing group

Packing group (ADG) : Not regulated

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 regulated

#### 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 (AICIS Inventory) status : Contains substance(s) listed on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

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

Relevant Poisons Schedule number : Not Scheduled

#### Australian Pesticides and Veterinary Medicines Authority (APVMA)

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

# Rapisol Zn (For Agricultural Use Only)

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### SECTION 16: Other information

#### Indication of changes

Section	Changed item	Comments
3	Composition/information on ingredients	<b>Modified</b>
8.2	Personal protective equipment	<b>Modified</b>

Revision date : 20/10/2025

#### Classification

Not classified

#### Full text of H-statements

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H335	May cause respiratory irritation

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.