

# Material Safety Data Sheet

MSDS: Stop Rust Plumeria rust systemic ground treatment

## Product: Stop Rust Plumeria rust systemic ground treatment

Date of Issue: 20<sup>th</sup> September 2019

Valid until: 19<sup>th</sup> September 2024 GHS Format

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Stop Rust Plumeria rust systemic ground treatment

**Other Name(s):** none

**Manufacturers code:** SRPRSGT (400g)

**Recommended Use:** Added to the soil for use in the control of Coleosporium Plumeriae (Frangipani Rust).

**Supplier:** Sydney Frangipani PTY Ltd  
**ABN:** 61 642 128 792  
**Street Address:** 52 Griffin Road  
North Curl Curl, NSW 2099 Australia

**Telephone Number:** +61 2 452 504 912

**Fax Number:**

**Website:** [www.sydneyfrangipani.com](http://www.sydneyfrangipani.com)

**Emergency Numbers:** +61 2 452 504 912 7:00am – 4.30pm Mon – Fri

000 Police, Fire and Ambulance

**131 126** **Poisons Information Centre (Australia)**  
or a Doctor at once.

### 2. HAZARDS IDENTIFICATION

**Poisons Schedule** None

#### Hazard Classification

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

#### Hazardous Categories

Skin Corrosion/Irritation Category 2, Serious Eye Damage 1, STOT – SE (Resp. irr.) Category 3

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## Pictograms



Signal Word

Danger

## Hazard Statements

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

## Prevention Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

## Response Precautionary Statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/physician/first aider.

## Storage Precautionary Statements

P405 Store locked up.

P403+P233 Store in a well-ventilated place.

Keep container/package tightly closed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical entity	CAS#	Proportion %
Aluminium Sulphate	10043-01-3	70-90%
Other ingredients deemed not to be hazardous		To 100%

## 4. FIRST AID MEASURES

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<b>Eye Contact</b>	Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin Contact</b>	Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>Inhalation</b>	If dust is inhaled, remove from contaminated area. Encourage patient to blow nose to ensure clear passage of breathing. If irritation or discomfort persists seek medical attention.
<b>Swallowed</b>	If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airways and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e becoming unconscious. Give water to rinse mouth, then provide liquid slowly and as much as the casualty can comfortably drink. Seek medical advice.
<b>Medical Advice</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media** There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

**Special hazards arising from the substrate or mixture**

Fire Incompatibility may emit poisonous fumes.

May emit corrosive fumes.

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<b>Advice for firefighters</b>	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire.
<b>Fire/Explosion Hazard</b>	Non-combustible. Not considered a significant fire risk, however containers may burn.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedure

<b>Minor Spills</b>	Clean up all spills immediately. Avoid contact with skin and eyes.
<b>Major Spills</b>	Moderate hazard. CAUTION: Advise personnel in area. Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling and storage** Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs.

**Other information** Store in original containers. Keep containers securely sealed.

**Conditions for safe storage, including any incompatibilities** DO NOT use aluminium, galvanised or tin-plated containers. Store in original package with label. Check that containers are clearly labelled and free from leaks.

**Storage incompatibility** In the presence of moisture, the material is corrosive to aluminium, zinc and tin producing a highly flammable hydrogen gas. Segregate from alcohol, water.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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**Appropriate engineering** If exposure to workplace dust is not controlled, respiratory protection is required. Wear SAA approved dust respirator.

**Personal Protection**

Eye and face protection  
Chemical goggles/mon-goggles.

Skin and hand protection  
Wear protective gloves, e.g. PVC.

Body protection Overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Crystalline powder
Colour:	White
Odour:	None
Melting Point:	770°C
Boiling Point:	Not applicable
Vapour Press kPa 025C:	Nil
Specific Gravity:	Not determined
Flashpoint (C):	Non flammable
Flammability Limits:	Non flammable

## 10. STABILITY AND REACTIVITY

Solubility in water	Completely soluble in water
Reactivity	See section 7
Chemical stability	Product is considered stable under normal conditions, however it may be unstable in the presence of incompatible materials.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7

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Hazardous decomposition  
Products

See section 5

## 11. TOXICOLOGICAL INFORMATION

**Inhaled** Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. The dust may cause sore throat, coughing.

**Ingestion** Accidental ingestion of the material may be damaging to the health of the individual. Acute toxic responses to aluminium are confined to the more soluble forms.

**Skin Contact** Irritating to skin. The material may accentuate any pre-existing dermatitis condition. Open cuts, abrasions or irritated skin should not be exposed to this material. Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effect.

**Eye** When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation.

**Chronic** Long-term exposure to high dust concentrations may cause changes in lung function (i.e. pneumoconiosis) caused by particles less than 0.5 micron penetrating and remaining in the lung. A prime symptom is breathlessness. Repeated minor skin contact may result in numbing of fingers. Repeated minor ingestion may cause phosphate deficiency; weakening of bones.

**TOXICITY IRRITATION** Intraperitoneal (Mouse) LD50: 274 mg/kg  
Eye (rabbit): 10mg/24h SEVERE  
Oral (mouse): LD50: 6207 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Mobility** Completely soluble in water

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**Environmental Fate** Do NOT allow excessive product to reach waterways, drains and sewers.

**Bioaccumulation Potential** No information available on bioaccumulation for this product.

**Environmental Impact** No data available

## 13. DISPOSAL CONSIDERATIONS

General Information of Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State and Federal Regulations or recycled/reconditioned at an approved facility.

## 14. TRANSPORT INFORMATION

<b>Marine Pollutant</b>	No
<b>HAZCHEM</b>	Not Applicable
<b>Land Transport (ADG)</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
<b>Air transport (ICAO-IATA / DGR):</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
<b>Sea transport (IMDG-Code / GGVSee):</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## 15. REGULATORY INFORMATION

Constituent or material in this product are covered by Australian Inventory of Chemical Substances (AICS)

**Poisons Schedule (Aust)** Not scheduled

## 16. OTHER INFORMATION

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The MSDS 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 Exposure Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

## STATEMENT OF DISCLAIMER:

Sydney Frangipani has prepared this Safety Data Sheet.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. This document represents the commitment to the business's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is no way and an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.