

Issue Date: August 2014 (Supersedes August 2009)

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Names: **SI-LAC,
SI-LAC EXTRA
SI-LAC BLUE
FODDER-KOOL**

Product Codes: **SI, SIB, SIE, SIF**

Product Use: Inoculant for the manufacture of silage.

Company Name:

GREVILLIA AG PTY LTD (ABN 36 083 323 817)
Address 10 Bult Drive Brendale Queensland 4500 Australia.

Emergency Tel 24hr 0428 727 300

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2. HAZARD IDENTIFICATION

Not classified as hazardous under Worksafe Australia criteria

Proper Shipping Name: None Allocated

UN Number: None Allocated

DG Class None: Allocated

Packing Group: None Allocated

Hazchem Code: None Allocated

Poisons Schedule: Not Scheduled

3. COMPOSITION & INGREDIENTS:

Name	CAS	Proportion
Sugar material		25-50%
Ammoniacal salt		<10%
Diammonium phosphate	7783-28-0	<10 %
*Harmless lactic bacteria		<1%

*The Bacteria and lactobacillus plantarum and enterococcus faecium, derived from plants, which have no known pathogenicities to plants, animals or humans.

4. FIRST AID INFORMATION

If Swallowed: Rinse mouth and drink plenty of water or milk. Do NOT induce Vomiting. Seek medical advice immediately.

If Eye Contact Occurs: Flush with copious quantities of water for 15 minutes. Seek medical attention.

If Skin Contact Occurs: Immediately wash affected areas thoroughly with water. Remove contaminated clothing and launder before re-use.

If Inhalation of vapour occurs: Remove affected person to fresh air and seek medical attention.

Doctors treat symptomatically.

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Use water on decomposing mass and fight fire upwind if outdoors.

Special Procedures: Wear breathing apparatus & Protective Clothing

Hazardous Decomposition Products: May produce phosphorous oxides, nitrogen oxides and ammonia during a fire.

6. ACCIDENTAL RELEASE MEASURES:

Spills – Small spills may be sluiced away with water to drains. Large spills greater than approx 10kg should be swept up into containers for disposal at approved landfill.

7. HANDLING & STORAGE:

Storage: Store material in original containers in cold room or refrigerator below 25 deg C. Higher temperatures will inactivate the product. Note expiry date on original packaging. Reseal container when not in use. Store out of direct sunlight.

Handling: Not classified as dangerous goods for the purpose of road or rail transport.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION:

Ventilation: minimize spreading of dust. Where high concentrations of airborne dust are present, a dust respirator conforming to AS1716 should be worn.

Personal protective clothing: Use gloves and eye/face protection when pouring this material. Use of long sleeves and long pants is strongly recommended. Wash clothing after each work period.

Wash hands and face thoroughly when leaving work area or before ingestion of food.

Exposure Limits: No exposure limits have been assigned to this product. Where no exposure standard has been assigned, the recommended exposure standard for dust in general shall be 10mg/m³ measured as breathable dust. The exposure limit is expressed as a time weighted average concentration over an 8 hour working shift for a 5 day working week, and is the exposure standard recommended by Worksafe Australia.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: White-cream powder.

Odour: faint odour

Melting Point: Not determined

Boiling Point: not applicable

Volatile Component: nil

Specific Gravity: not applicable

Flammability: Not flammable

Solubility: soluble in water.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Hazardous Polymerization Hazardous polymerization is not possible.

Materials to Avoid: Strong bases.

11. TOXICOLOGICAL INFORMATION

Primary routes for long term exposure to this item are via inhalation or skin contact. To prevent this type of exposure, please refer to Exposure Control above.

Acute Effects:

Swallowed: Due to the ammonium phosphate and the ammoniacal salt in the mixture, ingestion of very large amounts may cause diarrhea, nausea, vomiting and cramps.

Eye: The salt concentration will be irritating to the eyes.

Skin: The salt concentration due to the ammoniacal salt and Diammonium phosphate in the mixture will be irritating to any open cuts or wounds.

Inhaled: If present as high concentrations of airborne dust, contact may cause throat and nose irritation.

Chronic Effects:

Inhaled: Prolonged and frequent inhalation of vapours or mists of the dry powder material may result in some persons becoming allergic.

Long term Skin Contact: Prolonged and frequent skin contact with the dry powder material may result in some persons becoming allergic.

12. ECOLOGICAL INFORMATION

This material is fully biodegradable in soil or water.

13. DISPOSAL CONSIDERATIONS

Container Disposal: Containers should be thoroughly rinsed with water immediately when empty and dispose of in approved landfill site.

Spills: Dissolve spills up to approx 10kg in water and flush to drains. For larger spills, collect spilled material and dispose of spilled material in approved landfill site.

14. TRANSPORT INFORMATION

Considered non-dangerous good by the Australian Code for Transport by Road and Rail.

UN No: None allocated.

DG Class: None allocated

Hazchem Code: None allocated

Packing Group: None allocated

15. REGULATORY INFORMATION

Packaging Labeling: Caution. Keep Out of Reach of Children. Read Safety Directions before Opening

AICS Status: All components are listed on the AICS.

16. OTHER INFORMATION:

The information in this material safety data sheet refers to the concentrated powder material. When diluted in water as described on the label the acute health effects of exposure are altered as the material changes to a solution with potentially different exposure routes.

This material safety data sheet supersedes all previous issues.

It is the responsibility of the Purchasers of this product to ensure that all safety information and environmental information is provided to any people who may use this product.

The information contained within this safety data sheet is correct to the best of our knowledge and is provided in good faith. Grevillia Ag cannot control the conditions in which it is used so therefore each user must, prior to usage, assess and control the risks arising from their use of the material.

Contact Normal Hours: Mr. John Lever Phone: (07) 3205 1788

After Hours: Mr. John Lever Phone: 0428 727 300

.....End of MSDS.....