



SAFETY DATA SHEET

SI-LAC

Issued: October 2020

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Names:	SI-LAC, SI-LAC EXTRA SI-LAC HAY FORTE
Proper Shipping Name:	None allocated
Product Codes:	SI, SIE, SIH
Product Use:	Inoculant for the manufacture of silage.
Supplier:	GREVILLIA AG PTY LTD
ABN:	36 083 323 817
Address:	10 Bult Drive Brendale Queensland 4500 Australia.
Telephone Number:	(07) 3205 1788
Facsimile:	(07) 3205 4327
Emergency Telephone Numbers:	Emergency Tel 24hr 0428 727 300 Poisons Information Centre Australia: 13 1126

2. HAZARD IDENTIFICATION

Hazard Classification:	Non-hazardous under Worksafe Australia criteria
UN Number:	None Allocated
DG Class None:	Allocated
Packing Group:	None Allocated
Hazchem Code:	None Allocated
Poisons Schedule:	Not Scheduled

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Sugar material		25-50%
*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.

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4. FIRST AID MEASURES

Description of Necessary First Aid Measures

Swallowed:	Rinse mouth and drink plenty of water or milk. Do NOT induce Vomiting. Seek medical advice immediately.
Eye:	Flush with copious quantities of water for 15 minutes. Seek medical attention.
Skin:	Immediately wash affected areas thoroughly with water. Remove contaminated clothing and laundry before re-use.
Inhalation:	Remove affected person to fresh air and seek medical attention.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment:	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.
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7. HANDLING AND STORAGE

Precautions for Safe Handling:	Not classified as dangerous goods for the purpose of road or rail transport.
Conditions for Safe Storage, Including Any Incompatibilities:	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.

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8. EXPOSURE CONTROLS / 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 of 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/m ³ 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 available
Boiling Point:	Not available
Volatile Component:	Nil
Specific Gravity:	Not available
Flammability:	Not flammable
Solubility:	Soluble in water.

10. STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerisation will not occur
Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
Materials to Avoid:	Strong bases.

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11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Inhalation Skin contact Ingestion

Health Effects From Likely Route of Exposure:

Acute

Ingestion: 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.

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

Chronic

Inhalation: 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

Persistence and Degradability: This material is fully biodegradable in soil or water.

13. DISPOSAL CONSIDERATIONS

Disposal Method: 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.

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

14. TRANSPORTATION INFORMATION

UN Number: None allocated.

Dangerous Goods Class: None allocated.

Packing Group: None allocated.

HAZCHEM Code: None allocated.

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15. REGULATORY INFORMATION

Packaging Labelling:	Caution. Keep Out of Reach of Children. Read Safety Directions before Opening
Industrial Chemicals (Notification and Assessment) Act 1989:	All ingredients are listed on the Australia Inventory of Chemical Substances (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

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