

Safety Data Sheet

Maxi-Sorb Bioactive Absorbent

1. IDENTIFICATION

Product Identifiers

Product Name:	Maxi-Sorb Bioactive Absorbent	Product Number:	MS10
Brand:	Spill Absorbtion Materials (Central Queensland)		

Recommended use of the chemical and restriction on use

A natural based combination of stockfeed material and other agricultural materials blended and processed to absorb oil and water based spills.

*Cannot be used for absorbing strong oxidisers.

Company Details

Spill Absorbtion Materials (Central Queensland) ABN 47 329 625 281
993 Yakcam Road, Blackwater Qld 4717 Australia, PO Box 204 Blackwater Qld 4717
Email: spillmatcq@bigpond.com

Emergency Telephone Number

Emergency Tel No.: 0437 825 756

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified as hazardous or dangerous in accordance with [NOHSC:1008 (2004)], HSIS [NOHSC:10005 (1999)], [ADG Code 7th Ed.].

Label elements

Pictograms:



Signal word: Warning

Hazard Statement(s):

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H320 Causes Eye Irritation

Precautionary statement(s):

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P285 In case of inadequate ventilation, wear respiratory protection

P264 Wash... Thoroughly after handling

P280 Wear eye protection/face protection

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Response:

P304+341 IF INHALED: if breathing is difficult, remove the victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311 If experiencing respiratory systems: Call a POISON CENTRE or doctor/physician

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

P337+P313 If eye irritation persists: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Primary route(s) of entry**Human Health:**

Inhalation: No hazard in normal use of this product. May cause respiratory irritation.

Ingestion: No hazard in normal use of this product. If ingested, dust may cause irritation.

Eyes: No hazard in normal use of this product. May cause eye irritation.

Skin: No hazard in normal use of this product.

Other Hazards: Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS-No.	Content	Classification
Cellulose by-product of agricultural meal based fibre	9004-34-6	>60%	Non Hazardous
Other Cellulosic materials	Not Available	<30%	Non Hazardous
Proprietary Ingredients	Not Available	<10%	Non Hazardous

4. FIRST AID MEASURES

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. If discomfort arises, seek medical attention.

Inhalation

If encountering respiratory discomfort, remove from dusty area and into fresh air or ventilated area if required. If discomfort arises, seek medical attention.

Skin contact

If redness or skin irritation arises seek medical attention.

Eye contact

Hold eyes open, flood water for at least 15 minutes. Seek medical attention if irritation persists.

Other information

First Aid: Sterile eyewash for treatment of nuisance dusts.

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Advice to Doctor: May aggravate existing respiratory illness. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing equipment

Water spray, carbon dioxide or dry chemical powder.

HAZCHEM:

NA

Further information

- Combustible solid but difficult to ignite. Not flammable under conditions of normal use (as per USEPA Test Method 1030). If burning, fire fighters to treat as a wood fire.
- Refer to appropriate SDS if this product has absorbed liquids. Always refer to the SDS for the liquid absorbed before proceeding.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Use appropriate PPE as required.

Environmental precautions

- Spills of this material do not pose a risk to health or the environment. Materials can be safely flushed to sewer or released to the environment. Fully Biodegradable.

Methods and materials for containment and clean up

- If cleaning residues with a vacuum cleaner, use HEPA rated vacuum.

Small Spills: Sweep up but avoid generating ambient dust

Large Spills: Collect and place in clean, labelled containers for disposal.

Other information

- NA

7. HANDLING AND STORAGE

Precautions for safe handling

- This product is not classified as a dangerous good or hazardous substance. No special handling requirements are required.
- If decanting material, ensure containers are adequately labelled and avoid dust generation.
- Do not eat drink or smoke when handling this material. Always wash hands before eating.
- If contaminated, remove clothing and protective equipment before entering eating areas.

Conditions for safe storage

- Storage in plastic or polyethylene containers or in bags as supplied.
- Keep in a cool, dry ventilated area.
- Avoid dispersal of dust.

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Other information

- Do not store near strong oxidisers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

Engineering controls

Ensure adequate ventilation is provided.

Personal protective equipment:

Eye and face protection

Goggles are recommended in area's where dust may be a problem.

Skin protection

- Not required under normal conditions. Cloth gloves are recommended when handling large quantities of powder.

Body protection

- Protective clothing is not required under normal conditions. Coveralls are recommended if handling large quantities of powder.

Respiratory protection

- Dust mask in normal conditions is not necessary.
- In cases where the user may have asthma or a pre-existing respiratory condition a Dust mask complying with AS1715 and AS1716 is recommended.
- If exposure to high levels of dust is expected, a disposable half-face cartridge respirator with HEPA filters or 2 strap half face dust mask is recommended. (AS1715 / AS1716)

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance	Tan organic powder
Odour	Virtually odour free
Odour Threshold	NA
pH	7 – 8 in water
Melting point/freezing point	NA
Flash point	Not known
Evaporation rate	NA
Upper/lower flammability or explosive limits	
Upper explosion limit (%):	Not determined
Lower explosion limit (%):	Not determined

Other Information:

Flame propagation: Does not propagate a flame (Hot Nut Test)

Risk of spontaneous combustion is low. In principle, with organic products which are in powder form, the danger of a dust explosion should be considered. HOWEVER, explosion is not possible with this material unless ambient concentration exceeds 50kg/m³

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10. STABILITY AND REACTIVITY

Reactivity None known.

Chemical stability Stable under anticipated and normal storage and handling conditions of temperature and pressure. Decomposition starts at 150 deg C.

Possibility of hazardous reactions This product is not suitable for use on products that are considered strong oxidizers, alkalis or acids.

Conditions to avoid Not reactive under normal conditions.

Incompatible materials Not compatible with strong oxidisers as the sorbent is an organic material.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute effects

No data available

Eye contact

Dust particles may cause mechanical irritation, resulting in redness.

Skin contact

Absorption through skin is not an exposure route. Unlikely to be an irritant. In some individuals, over exposure may aggravate an existing medical condition or skin sensitivity. Repeated skin contact may cause redness.

Ingestion

Unlikely as an exposure route. As the product is mostly natural cellulose, it is physiologically inert and non-harmful if swallowed.

Chronic effects

No data available

Toxicity and irritation

See above

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product alone has been shown to have low ecotoxicity.

Persistence and degradability

Product is biodegradable in 1- 4 months under aerobic conditions.

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Bioaccumulative potential

As the product is manufactured from by-products of stockfeed for cattle and is regularly tested for that reason, this product has not been found to contain any pesticide residues.

Other adverse effects

No adverse effects have been found.

13. DISPOSAL CONSIDERATIONS

General information

- **Disposal Methods:** This product is designed to be used as an absorbent to clean up spilled liquids. Therefore, the used product should be considered to have the same properties as the liquid it has absorbed. In general, follow disposal criteria pertaining to the liquid absorbed when handling used absorbent and check with your local manufacturer.
- **Special Considerations for Incineration or Landfill:** Under normal circumstances, always consult your applicable waste management authority to ensure proper disposal practices.

14. TRANSPORT INFORMATION

ADG label required:	Not regulated for transport of dangerous goods.
HAZCHEM:	Not Applicable
UN number:	None Allocated
Proper shipping name:	
Transport hazard class:	None Allocated
Packing group:	None Allocated
Special Precautions for users:	No special precautions required for transport
Additional information:	No additional information

15. REGULATORY INFORMATION

SUSMP Poisons Schedule Number: None Allocated
National Industrial Chemicals Notification & Assessment Scheme (NICNAS): Non Allocated
Therapeutic Goods Administration: None Allocated
Food Standards Australia New Zealand (FSANZ): None Allocated

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16. OTHER INFORMATION

This product is manufactured in Australia from Stock feed and agricultural meal based fibres and other natural cellulose fibres. The powder may contain naturally occurring bacteria and fungi indigenous to agricultural environments, however, this product is regularly tested and does not contain any food pathogens or bacteria considered harmful to humans, flora or fauna. The powder contains no abrasives and will not scratch floors. It is highly absorbent and will pick up both oily and water based liquids, without re- release. The product is fully biodegradable and contains over 95% recycled content.

DISCLAIMER: the information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with federal, state or local laws.

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