

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Biosorb Fine
Chemical Name: Horticultural additive for composts, soil conditioning, turf care, to provide humidity and for decorative uses.
Supplier: Barclay Chemicals Manufacturing Ltd.,
 Damastown Way
 Damastown Industrial Park
 Mulhuddart
 Dublin 15
Telephone No: 01 811 2900
Fax No: 01 822 4678
Issued By: Barclay Chemicals Ltd.

EMERGENCY TELEPHONE NUMBER: 00-353-1-8112900(9am to 5pm)
00-353-86385776 (5pm to 9am)

2. COMPOSITION/INFORMATION ON INGREDIENTS

No.	Name
1.	Calcined Moler Earth
2.	Calcined Moler Earth contains free crystalline silica

No.	EC No.	CAS No.	R Phrases	Concentration	Classification
1.	n/e	68895-54-9	----	100% Wt.	----
2.	238-878-4	14808-60-7	----	Up to 2%	----

Legend: Tx = Very Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, Ik = No Classification Required, E = Explosive, O = Oxidising, Fx = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dang. To the Environment, M = Genotoxic, A = Sensitizing, K = Carcinogenic, R = Causes birth defects, H = skin absorption

3. HAZARDS IDENTIFICATION

Human: Non Hazardous.
Environment: Non Hazardous.

Repeated inhalation of excessive amounts of respirable silica may cause silicosis.

4. FIRST-AID MEASURES

Inhalation:	Remove to fresh air and rest. If recovery is not rapid, obtain prompt medical attention.
Skin Contact:	Remove contaminated clothing immediately. Wash underlying skin with soap and plenty of water. Seek medical advice if irritation persists.
Eye Contact:	Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. If irritation persists, obtain medical attention.
Ingestion:	Do not induce vomiting. Give plenty of water to drink. Beware of aspiration if vomiting occurs. If feeling unwell seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Non combustible material, use extinguishers suitable for any other materials that may be involved in a fire.
Unsuitable Extinguishing Media:	Not applicable
Hazardous decomposition/combustion products:	Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear respirator fitted with particulate filter (P2 or FFP2) and use eye protection . Avoid skin contact and wear impervious gloves.
Exposure Controls:	Do not allow spill to enter drains and watercourses
Disposal Considerations:	Do not dry sweep, either damp down or use a vacuum system to clear. Scoop up and place in container to await transfer. Dispose of in accordance with local authority regulations.

7. HANDLING AND STORAGE

Handling:	Avoid skin contact. Avoid eye contact. Handle with care to avoid dust formation Ensure adequate ventilation. Use local extraction equipment where possible Wear suitable protective clothing
Storage requirements:	Store in a cool, dry, well ventilated area. Store away from oxidising materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit:	0.1mg/m ³ 8hrTWA CHAN Respirable silica 2.4mg/m ³ 8hr TWA OES Amorphous silica respirable function 6mg/m ³ 8hr TWA OES Amorphous silica total inhalable dust
Protective Clothing:	Wear impervious gloves. Wear suitable overalls or clothing and change if contaminated. Wear suitable eye protection such as BS EN 166 if dusty Use in well ventilated areas. Use mechanical ventilation if possible If excessive inhalation is likely then respirator fitted with particulate filter to P2 or FFPP2 Standard.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink Granules
Odour:	Odourless
pH:	5.5
Boiling Point/Boiling Range:	Not applicable
Flash Point:	Not applicable
Flammability:	Not Flammable
Autoflammability	Not applicable
Explosive Properties:	None.
Melting point/range:	Not applicable
Relative Density:	2
Solubility :	Insoluble in water
Oxidising properties	None
Vapour Density	Not applicable
Vapour Pressure	Negligible

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:	No hazardous decomposition products when stored and handled correctly.
Stability:	Stable at normal temperature.

11. TOXICOLOGICAL INFORMATION

Irritation:	Mild, transient irritation to eyes, skin and respiratory tract.
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Chronic Effects: May cause Silicosis
Routes of exposure to dust: Inhalation, Ingestion and eye, skin contact..

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not toxic to aquatic life
Bioaccumulative Potential: Does not bioaccumulate
Mobility: Immobile

13. DISPOSAL CONSIDERATIONS

Do not discharge into drains or watercourses.
Dispose of in accordance with local authority regulations.
Not classified as hazardous for transportation

14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

R- PHRASES
None

S- PHRASES

S36/37 - Wear suitable protective clothing and gloves
S39 - Wear eye/face protection.

16. OTHER INFORMATION

Version: 1 Prepared: 18/07/07

DISCLAIMER

The information in the MSDS relates to this specific material. If the product is used as a component in any other product, this MSDS may not be valid. The information contained was obtained from sources which we believe are reliable. The information is provided without any warranty, expressed or implied, regarding its correctness.

