

ECOFIL70

MATERIAL SAFETY DATA SHEET

1.0 TYPICAL PRODUCT ANALYSIS

Parameter	Ecofil70
Neutralising Value (NV)	25%
Sieve testing: % passing 5.00mm	99%
Sieve testing: % passing 3.35mm	97%
Sieve testing: % passing 150 um (c. 600m ² /kg)	85%

2.0 MATERIAL SAFETY DATA SHEET (MSDS)

2.1 Product Identification

Ecofil70 is a precipitated calcium carbonate product, from the British Sugar beet process.

2.2 Composition

The main components are CaCO₃ (essentially acid soluble ash), LOI matter & minerals (essentially volatile matter at 450°C), inert silicates (essentially acid insoluble ash) and water. The typical contents are shown in table 1.

Table 1 - Composition*¹.

Product	CaCO ₃ %	LOI %	Minerals %	Silicates %	Water %
Ecofil70	50%	7%	3%	6%	30%

*¹ - These values are not absolute. There will be a range for each constituent.

2.3 Hazards Identification

- Inhalation:
Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing and nasal irritation.
- Ingestion:
Non-toxic.
- Skin contact:
Not expected to be a health hazard.

- Eye contact:
No information found, but presumed to cause mechanical irritation.

2.4 First Aid Measures

- Inhalation:
Remove to fresh air. Get medical attention for any breathing difficulty.
- Ingestion:
If large amounts are swallowed get medical advice.
- Skin contact:
Wash exposed area with soap and water. Get medical advice if irritation develops.
- Eye contact:
Wash thoroughly with running water. Get medical advice if irritation develops.

2.5 Fire Fighting Measures

- Fire:
Not considered to be a fire hazard under normal conditions.
- Explosion:
Not considered to be an explosion hazard under normal conditions.

2.6 Accidental Release Measures / Ecological Information

If significant quantities enter controlled waters contact the Environment Agency Hotline without delay on 0800 807060, and the LimeX Helpdesk on 0870 240 2314.

2.7 Handling and Storage

- When mechanically handling or spreading products care must be taken to avoid inhaling dust and minimising contact with the skin and eyes.
- Store in a well ventilated area.

2.8 Exposure Controls / Personal Protection

- Exposure limits from EH40:
10mg/m³ over 8 hours for total inhalable dust, and 4mg/m³ for respirable dust over 8 hours.
- PPE:
If the exposure limit is exceeded, wear a half-face dust mask. When handling nuisance dust, wear protective overalls and gloves. Avoid contact with skin and eyes, and if necessary wear eye protection.

2.9 Physical and Chemical Properties

- Appearance:
Ecofil70 is a friable material of khaki to light brown colour, depending on moisture content and storage period.
- Odour:
Varies with storage method and storage period.

2.10 Stability and Reactivity

- Stability:
Stable under normal conditions of use and storage.
- Hazardous decomposition products:
If decomposition of the organic matter occurs under anaerobic conditions, small quantities of CO₂ and methane can be liberated. Always store in a well ventilated area.

2.11 Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure.

2.12 Disposal Considerations

If sending to landfill, treat as 'active' material under Landfill Tax regime, with appropriate documentation as required under waste management legislation.

2.13 Transport Information

LimeX is normally transported in bulk-tipping vehicles.

2.14 Regulatory Information

This MSDS has been prepared according to the hazard criteria of the Chemicals [Hazard Information and Packaging] Regulations 1994, as amended.

2.15 Other Information

For further information contact the LimeX Helpdesk on 0870 240 2314, or fax on 0870 240 2729. Alternatively contact the Agricultural Department at the factory from which the product was dispatched:

Factory	Telephone Number
Bury St Edmunds	01284 763291
Cantley	01493 700351
Newark	01636 640000
Wissington	01366 377364

LimeX
Sugar Way
Peterborough PE2 9AY

0870 240 2314
limex.co.uk

