



Product Information Sheet

Supplier Information

Name: Belfast Lime & Sand
Address: 3120 Princes Hwy, PORT FAIRY VIC 3284
Phone: 0407 338 705 / 0419 390 722

Product

Name: Agricultural Lime / Construction sand
Other Names: N/A
Use: Agricultural lime / Construction purposes

Hazard Information

This product contains 8% crystalline silica. Prolonged inhalation of dust can cause silicosis and lung cancer. Chemical analysis of the product is included in this document.

Exposure Standards

Safework Australia current threshold for exposure to respirable crystalline silica is 0.05 mg/m³ TWA 8-hour.

Hazards Controls

- Keep the product damp to reduce the risk of silica dust becoming airborne. Do not store in areas where the product may dry out.
- Avoid breathing the dust. Inhalation of dust containing crystalline silica may cause bronchitis, silicosis (scarring of the lung) and scleroderma.
- When exposed to dust, wear a suitable respirator compliant to AS/NZS 1715.
- Recommended protective clothing when handling product includes gloves, boots, long sleeves/pants, eye protection and a suitable respirator.
- Avoid activities that generate airborne dust. Avoid dry sweeping. Safe housekeeping practices include wet methods or hazardous class (M or H class) vacuums.
- Do not crush or atomose product

Analysis for crystalline silica of product

Lab Number:	24/A/4010
Total Silicon, as SiO ₂ , % w/w:	7.7
	Crystalline Silica Polymorphs in the Bulk Sample <i>Relative Abundance of Mineralogy</i>
Quartz, %:	8
Cristobalite, %:	Not Detected
Tridymite, %:	Not Detected
Total "Crystalline Silica" in bulk sample % w/w:	8

Elemental composition of product

Lab Number:	24/A/4010
	X-Ray Fluorescence
Aluminium, as Al ₂ O ₃ , % w/w:	0.4
Calcium, as CaO, % w/w:	49.1
Iron, as Fe ₂ O ₃ , % w/w:	0.3
Potassium, as K ₂ O, % w/w:	Less than 0.1
Magnesium, as MgO, % w/w:	2.0
Manganese, as MnO, % w/w:	Less than 0.1
Sodium, as Na ₂ O, % w/w:	0.1
Phosphorus, as P ₂ O ₅ , % w/w:	0.2
Silicon, as SiO ₂ , % w/w:	7.7
Titanium, as TiO ₂ , % w/w:	Less than 0.1
Sulphate as SO ₃ , % w/w:	0.2
105 – 925°C LOI, % w/w:	40.0

Product particle size

MATERIAL > 2mm	Nil
MATERIAL 1.00 - 2.00 mm	0.218 %
MATERIAL 0.85 - 1.00 mm	1.09%
MATERIAL 0.30 - 0.85 mm	98.69%
MATERIAL 0.075 - 0.30 mm	Nil
MATERIAL < 0.075mm	Nil