

LIME KILN DUST

PRODUCT DESCRIPTION

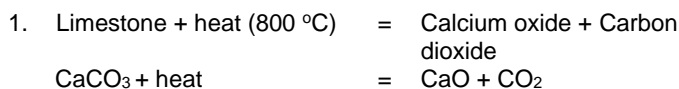
Cockburn Cement produces Lime Kiln Dust at its Munster Works in Munster, Western Australia.

What is Lime Kiln Dust?

Lime Kiln Dust is a by-product of Quicklime production.

The manufacture of Lime Kiln Dust starts by calcining high quality limestone (Calcium carbonate) at elevated temperatures to produce Quicklime (Calcium oxide).

Reactions are as follows:



The calcination process produces a dust, which is a mixture of partially calcined limestone and quicklime. This dust is screened out and is known as Lime Kiln Dust.

SUPPLY

Lime Kiln Dust is available in bulk from the Munster Works.

SPECIFICATION

All products are manufactured under a third party certified manufacturing and supply quality assurance system to AS/NZS ISO 9001 (BSI Certification No FS 604665).

SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Lime Kiln Dust.

HANDLING AND STORAGE

Transportation may be in bulk road or rail tankers. Lime Kiln Dust can be stored in fit-for-purpose silos, or in bulk bags for up to one year, provided suitable protection against moisture ingress.

TYPICAL PROPERTIES

Oxide	Typical Analysis %
SiO ₂	1.1
Al ₂ O ₃	0.5
Fe ₂ O ₃	0.3
CaO	57.0
MgO	4.4
Loss On Ignition	33.5
Available lime: Ca(OH) ₂	22.0

APPLICATIONS

Lime Kiln Dust is used primarily for industrial acid neutralisation or in agriculture for pH control.

CONTACT POINTS

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