

THE EAST LANCASHIRE CHEMICAL COMPANY LTD

Sodium Sesquicarbonate

Sales Specification

Product Description

A white crystalline powder with a chemical composition similar to that of natural sodium sesquicarbonate: $\text{Na}_2\text{CO}_3 \cdot \text{NaHCO}_3 \cdot 2\text{H}_2\text{O}$

Chemical Name Sodium Sequicarbonate, Trisodium hydrogendicarbonate

CAS Number 533-96-0

EC Number 208-580-9

Reach Reg Number 01-2119494264-33-000-1

Chemical Properties

Sodium Carbonate : Na_2CO_3	45-51 %
Sodium Bicarbonate NaHCO_3	35-40%
Water H_2O	14-17%
Trace	1 %

Physical Properties

Solubility in water	96g/l at 20 deg C
pH	9.6-9.9 1% solution
Pouring Density	850-1000kg/m ³

Particle size Distribution

Typical sieve analysis

Cumulative % Retained

+1000micron	0.0%
+500micro	8.1%
+212micron	25.7%
+106micron	80.2%
+63micron	96.4%

3.2.19 rev6

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