



ADCHEM (AUSTRALIA) PTY LTD
A.B.N. 87 069 180 258
QUALITY SYSTEMS CERTIFIED ISO 9001
QCS(E) Lic No. Q0299

PRODUCT DATA SHEET

BASIC COPPER CARBONATE

GRADE: GENERAL PURPOSE

CAS. NO.: 12069-69-1
EC NO.: 235-113-6

SYNONYMS: Basic Cupric Carbonate
Cupric Carbonate – hydroxide
Bremen Green

CHEMICAL STRUCTURE: $\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2$

CHEMICAL SPECIFICATION: (Wet basis)

Copper	55.0% Min
Basic Cupric Carbonate	96.0% Min
Moisture	2.0% Max

PHYSICAL SPECIFICATION:

Sizing Regular Min 50% passing 75 micron
Fine Milled Min 96% passing 53 micron
Other grades available on request

TYPICAL ANALYSIS: (Dry basis)

Copper	56.5%	Lead	0.005%
Iron	0.004%	Chloride	0.02%
Zinc	0.06%	Sodium	0.05%
Cadmium	0.001%	MEA Insolubles	0.03%

TYPICAL PHYSICAL PROPERTIES:

Grade	Bulk Density	Surface Area (BET)	Volume Weighted Mean Particle Size	Volume – 10% Particle Diameter	Volume Median Particle Diameter	Volume – 90% Particle Diameter
	g/cm ³	m ² /g	D [4,3] μm	D 10 μm	D 50 μm	D 90 μm
Regular	1.3 – 1.6	6.52	50	0.88	27.4	110
Fine Milled	0.8 – 1.1	8.33	10.9	0.68	3.8	30.4

Tapped Bulk Density is based on 500 taps.

PACKAGING: Polypropylene bulker bags Special packaging can be arranged.

For safety information, please see Material Safety Data Sheet.

There are no warranties expressed or implied, including a warranty of fitness of this material for any purpose.

For further information, please contact

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