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

PRODUCT DATA SHEET

COPPER OXIDE

GRADE: GENERAL PURPOSE

CAS. NO.: 1317-38-0
EC NO.: 215-269-1
REACH REG NO.: 01-2119502447-44-0000

SYNONYMS: Cupric Oxide
Copper (II) Oxide

CHEMICAL STRUCTURE: Cu.O

CHEMICAL SPECIFICATION:

Copper	78.0% Min
Cupric Oxide	97.5% Min
Cuprous Oxide	0.1% Max
Moisture	0.2% Max

PHYSICAL SPECIFICATION:

Sizing	Regular	Min 40% passing 75 micron
	Milled	Min 80% passing 75 micron
	Fine Milled	Min 94% passing 53 micron
	Other grades available on request	

TYPICAL ANALYSIS: (Dry basis)

Copper	78.6%	Cadmium	0.0015%
Iron	0.006%	Chloride	0.02%
Zinc	0.06%	Lead	0.007%

TYPICAL PHYSICAL PROPERTIES:

GRADE	Bulk Density g/cm^3	Surface Area (BET) m^2/g	Volume Weighted Mean Particle Size D [4,3] μm	Volume – 10% Particle Diameter D_{10} μm	Volume Median Particle Diameter D_{50} μm	Volume – 90% Particle Diameter D_{90} μm
Regular	2.6 – 3.1	3.02	94	22.1	78.7	191
Milled	2.4 – 2.9	4.05	40	8.1	34.0	78.2
Fine Milled	1.9 – 2.6	4.51	21	2.9	17.5	43.9

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
Adchem (Australia) Pty Ltd on Ph +61 3 9813 0199 Fax +61 3 9882 0952