

Mineral Fact Sheet

Copper oxide		<i>Photo</i>
Formula:	CuO	
CAS No.:	1317-38-0	
EC No.:	231-847-6	
Feed Additive Register:	E 4	
Manufacturing Process:		
Caustic boiling of alkaline liquors		
Characteristics:		
CuO	96 - 99 %	
Copper	76 - 78 %	
Moisture	0.5 - 1 %	
Ignition loss (600°C)	2.5 - 2.8 %	
Solubility	insoluble in water, soluble in acids	
Appearance	black free flowing fine powder	
Apparent density	3.1 - 3.2 kg/l tapped	
Particle size	20 - 30 µm	
Handling, storage, toxicity:		
Non hazardous		
Keep container tightly closed. Avoid unnecessary exposure.		
Store in dry, cool, well-ventilated area		
Specific information:		
High copper concentration, neutral reaction against sensitive components (such as vitamins, Iodine), high stability		
Feed operators using Cu compounds need to be approved according Reg. 183/2005		
Conditions for use are laid down in Reg. 1334/2003		