

**C0590HH Gold Line**

basic

**Typical analysis**

Assay (%Cu)	54 - 57%
Arsenic (As)	0.01%
Chloride (Cl)	0.1%
Iron (Fe)	0.02%
Lead (Pb)	0.005%
Nickel (Ni)	0.05%
Sodium (Na)	0.5%
Sulphate (SO <sub>4</sub> )	0.05%
Zinc (Zn)	0.01%

**Packaging**

100g white plastic bottle

500g white plastic bottle

**Physical properties, composition and data**

Chemical formula	CuCO <sub>3</sub> ·Cu(OH) <sub>2</sub> ·Ca ½ H <sub>2</sub> O
Chemical group	Carbonates
Occurrence in nature	In the Earth's crust in the mineral Malachite
Synonym	Bremen blue or green; Copper carbonate hydroxide; Copper II carbonate basic; Cupric hydroxide basic; Copper II hydroxide carbonate; Cupric subcarbonate; Mineral green
Atomic weight	221.12
Appearance	Green to blue azure powder or crystals
Solubility	Soluble in ammonia and dilute acids
Melting point	200°C with decomposition
Density (g/ml)	3.7 - 4
pH (aqueous solution)	8 - 9
Hazardous material	Harmful

**Laboratory preparation, applications and practices**

Laboratory preparation	Mix cupric sulphate solution with sodium carbonate solution, filtering and drying
Usage	Agricultural research as seed treatment fungicide
Filter paper	Filtech no: no: 0165, 1845

**Storage and handling information**

Safety phrases	22/24/25
Risk phrases	20/22
Disposal methods	3

**Transport regulations**

Tariff number	2836.99.90
Hazardous material	6
Packing group	III
UN number	2811
ERG number	154

