

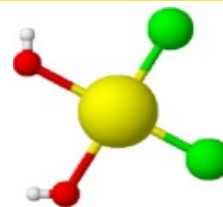
**C0453HO** **Gold Line**

**Typical analysis**

Approximately 70% available chlorine	
Moisture	12%

**Packaging**

500g white plastic jar



**Physical properties, composition and data**

Chemical formula	$\text{Ca}(\text{OCl})_2$
Synonym	Bleaching powder; Calcium oxychloride; Chlorinated lime; "HTH"
Atomic weight	142.98
Appearance	White to off-white crystalline granules
Solubility	Soluble in water and alcohol
Density (g/ml)	2.35
Incompatible substances	Organic materials
Other information	Deteriorates by natural causes
Hazardous material	Oxidizer and harmful
Melting point	Decomposes at 100°C

**Laboratory preparation, applications and practices**

Laboratory preparation	Chlorination of a slurry of lime and caustic soda
Usage	Bleaching agent
Filter paper	Filtech no: no: 0285, 1803

**Storage and handling information**

Storage	Store in a dry isolated place separated from incompatible, combustible substances, reducing agents and acids
Safety phrases	5-12-26-43
Risk phrases	8-31-34
Caution	Explosive when mixed with carbon tetrachloride. Explosively unstable compounds produced when mixed with ammonia, primary aliphatic

**Transport regulations**

Tariff number	2828.10.10
Hazardous class	5.1
Packing group	III
UN number	2208
ERG number	140

