



# BO-KWANG CORPORATION

## TECHNICAL DATA SHEET

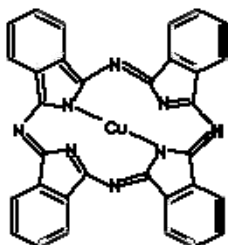
### Product Name : Swallogen Blue A3A

**Characterization** Swallogen Blue A3A is a improved Copper Phthalocyanine Blue Crude which can be converted to a variety of Cu-Phthalocyanine Blue Pigments (alpha stabilized / unstabilized, beta non-flocculated) of the desired crystal form having excellent chroma, tinting strength and dispersibility with good efficiency within a very short period of reaction time by solvent recycling and/or salt milling process.

**Chemical name** Copper Phthalocyanine

**CAS number** 147 - 14 - 8

**Structure**



**Formula**  $C_{32}H_{16}CuN_8$

**Molecular weight** 576.08

### General properties

- Alpha Content by FT-IR ..... 30 +/- 2%
- Purity ..... 98.27%
- Water soluble matters ..... 0.40%
- Moisture content .....0.40%
- pH ..... 8.5
- Salt Conductivity ..... 60 us/cm
- Specific gravity ..... 1.7 gr / m<sup>3</sup>
- Bulk density ..... 0.54 gr / ml
- Free Copper ..... below 200 ppm
- Soluble Copper ..... 2,490 ppm
- Foreign Materials - Iron (Fe) ..... 0.2 ppm
- Foreign Materials - Sand (Si) ..... 0.2 ppm
- PCB's ..... Not detected

**Applications** : Intermediate for Phthalocyanine Blue Pigments