

# Product Data Sheet

## SunCron BL100

Iron(II,III) Oxide  
 CAS# 1317-61-9

Mol. wt. 231.53

Formula Fe<sub>3</sub>O<sub>4</sub>

### Description

Iron oxides and oxide-hydroxides are widespread in nature.

They play an important role in many geological and biological processes, and are widely utilized by humans, as iron ores, pigments and catalysts.

### Specifications

| Item                       | Specification |
|----------------------------|---------------|
| Appearance                 | Black powder  |
| Loss on Drying (%)         | Max. 1.0      |
| Water Soluble Matter (wt%) | Max. 0.3      |
| Heavy Metals               |               |
| Pb (ppm)                   | Max. 20       |
| As (ppm)                   | Max. 10       |
| Hg (ppm)                   | Max. 1        |
| Cd (ppm)                   | Max. 5        |
| Sb (ppm)                   | Max. 10       |
| Assay (%)                  | Min. 97.0     |
| Residue on Sieve (wt%)     | Max. 0.005    |

### Applications

It imparts a color to cosmetics and personal care products. SunCron BL100 can be used as the black color ingredients such as eye-shadows, mascaras and eyeliners.

### Storage

Avoid high temperature room and high humidity room.