

PRODUCT DATA SHEET

Trade Name: ShieldBiso™ BP4

INCI Name: Benzophenone-4

CAS: 4065-45-6

Description

A water-soluble, chemical sunscreen agent that is a secondary UVB absorber with some activity in the short UVA range as well. Being a secondary UV absorber means that its protection is weak and it has to be combined with other sunscreen filters for proper sun protection.

Quality Parameters

| | |
|------------------------|--|
| Appearance | White or light yellow crystalline powder |
| Assay % | 99.0 min |
| Loss on drying % | 3.0 max |
| pH | 1.2 - 2.2 |
| Heavy metals (ppm) | 5.0 max |
| Melting point °C | 140 min |
| Turbidity in water EBC | 4.0 max |
| Gardner color | 2.0 max |
| Specific extinction | E ₂₈₅ 460 min |
| | E ₃₂₅ 290 min |

Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

25kg / drum