

PRODUCT DATA SHEET

Trade Name: ShieldBiso™ BP3

INCI Name: Benzophenone-3

CAS: 131-57-7

Description

Benzophenone-3 is an organic compound. It is a pale-yellow solid that is readily soluble in most organic solvents. Benzophenone-3 belongs to the class of aromatic ketones known as benzophenones. It is a naturally occurring chemical found in various flowering plants as well as being an organic component of many sunscreen lotions. It is also in widespread use in things like plastics, toys, furniture finishes, and more to limit UV degradation.

Quality Parameters

Appearance	Pale greenish yellow powder
Assay %	99.0 min
Loss on drying %	0.2 max
Heavy metals (ppm)	5.0 max
Melting point °C	62.0 - 65.0
Burnt residue %	0.1 max
Gardner color	4.0 max
Specific extinction(1%, 1cm)	E ₂₈₈ 630 min
	E ₃₂₅ 410 min

Storing

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

Package

25kg / drum