

PRODUCT DATA SHEET

Trade Name: ShieldBiso™ PS15

INCI Name: Polysilicone-15

CAS: 207574-74-1

Description

ShieldBiso™ PS15 is a silicone-based UV-B absorber. This colorless-to-pale yellow viscous liquid integrates easily with the oil phase of sunscreen formulation. Enabling day care or sunscreen formulations that leave a dry, silky touch on the skin. ShieldBiso™ PS15 brings silkiness to formulation, adding sensory to performance and its polymeric structure ensures excellent skin compatibility building a uniform film for optimal sun protection. ShieldBiso™ PS15 added to rinse-off and leave-on hair products delivers multiple benefits including prevention of colour fading, gloss enhancement and conditioning.

Quality Parameters

Appearance:	Liquid
Colour:	colourless to light yellowish
Identity:	0.95 min
Refractive index, nD 20:	1.440 - 1.445
UV specific extinction:	160 - 190
Viscosity (25°C):	600 - 1000
Heavy metals:	10.0 max
Methanol:	50.0 max
Isopropanol:	50.0 max
D4 (octamethylcyclotetrasiloxane):	0.1 max
D5 (decamethylcyclopentasiloxane):	0.1 max



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Storing

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

Package

25kg/ drum.