

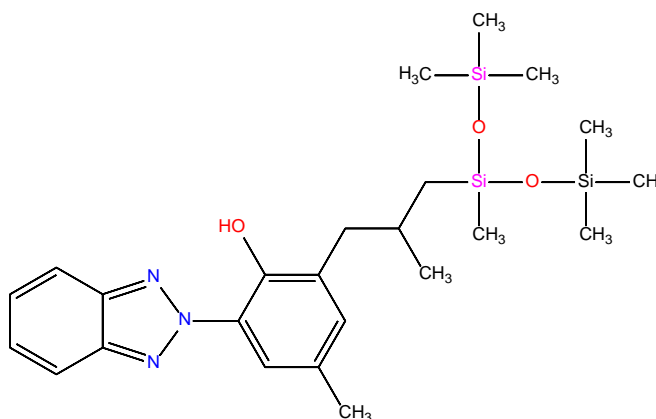
TinSorb™ DTS UV Filter

INCI: Drometrizole Trisiloxane



Introduction	TinSorb™ DTS is used in the synthesis of UV light absorbers and filters for polyester fibers and sun care formulations.
Chemical Name	2-(benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[methyl-bis(trimethylsilyloxy)silyl]propyl]phenol
INCI Name	Drometrizole Trisiloxane
USAN Name	Silatrizole
CAS Number	155633-54-8
EINECS Number	423-660-5

Chemical Structure



Chemical Formula	$C_{24}H_{39}N_3O_3Si_3$
Molecular Weight	501.84

Physical Properties

Appearance	White to off white powder
Bulk Density (g/cm ³)	0.96-1.16
Boiling Point (°C)	470-590
Melting Point (°C)	46-18
Refractive Index	1.030-1.560

TinSorb™ DTS UV Filter

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Purity (%)	Min.98
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Solubility

Solubility [20°C]	Concentration
Chloroform	Slightly miscible
Methanol	Slightly miscible

Benefits & Applications

A photostable UVA and UVB light filter.
Enhances protection and leaves silky touch on the skin.
For sunscreens, color cosmetics and personal care products.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to three years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

TinSorb™ DTS is supplied in 25kg drum.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.