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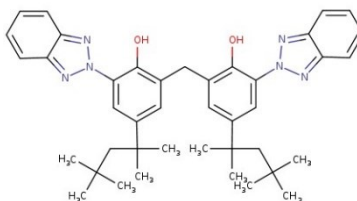
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Trade registration nr. 50769421 Chamber of Commerce Utrecht

## Technical Data Sheet

10 March 2023

<b>Product name:</b>	MBBT
<b>Product Form:</b>	Liquid
<b>Chemical name:</b>	2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol)
<b>Synonym:</b>	TINUVIN 360; Phenol, 2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-; UV-508; Tinosorb M
<b>CAS No:</b>	103597-45-1
<b>EINECS No:</b>	403-800-1
<b>Molecular formula:</b>	C <sub>41</sub> H <sub>50</sub> N <sub>6</sub> O <sub>2</sub>
<b>Molecular weight:</b>	659
<b>Structure formula:</b>	



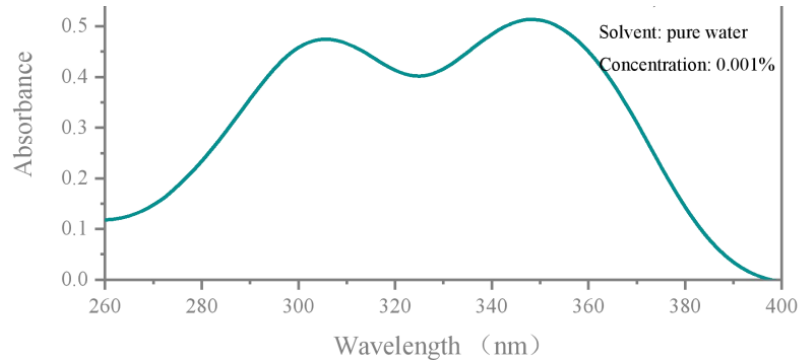
### Chemical Specification

Appearance	White liquid
Odor	Trace characteristic odor
pH	10.5 – 12.0
Absorbance	0.936 -1.014
Absorption (1% DIL/1CM)	234 – 254
Viscosity (mPa.s)	200 – 1000
Dry content (%)	55.5 – 59.5
Total viable count (cfu/g)	100 max.
Active substance (%)	48.0 – 52.0

**Packing:** In 25kgs net drum, 450kgs (18drums) on pallet

**Shelf life:** 36months

**UV Characteriscs:**



**Features and application:**

MBBT is a high-efficiency ultraviolet absorber that can absorb 300 – 400 nm ultraviolet rays and is widely compatible with a variety of resins. It has very low volatility and can be used with other light stabilizers or antioxidants. Suitable for acrylic, polyester, polycarbonate, polyoxymethylene, polyamide, polyolefin, styrene polymer, elastomer, adhesives etc. can be formed by powder, solution or melt extrusion to prevent crystal exudation and sublimation. It can also be used for casting, thin-layer construction of fibers, paper and wallpaper.