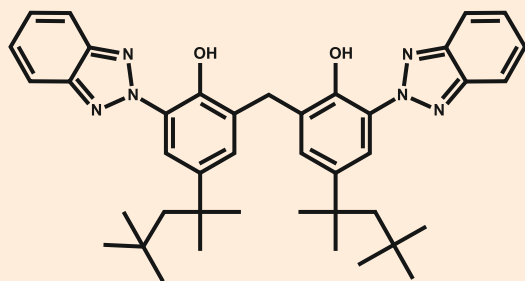




## SARASORB M (MBBT)

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol] (Sarasorb M (MBBT))

Product Code	: 011320
CAS No.	: 103597-45-1
HS Code	: 3824.99.00
Molecular formula	: C <sub>41</sub> H <sub>50</sub> N <sub>6</sub> O <sub>2</sub>
Molecular weight	: 658.88

### 3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol]	Bisotrizole, Bis[2-hydroxy-5-tert-octyl-3-(benzotriazole-2-yl)phenyl]methane,	103597-45-1	403-800-1
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not listed
EC Inventory			Listed
United States Toxic Substances Control Act (TSCA) Inventory			Listed
China Catalog of Hazardous chemicals 2015			Not listed
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed
Korea Existing Chemicals List (KECL)			Listed
Canadian Domestic Substance List (DSL)			Listed
Canadian Non-Domestic Substance List (NDSL)			Not listed
Japanese Existing and New Chemical Substances Inventory (ENCS)			Listed

### 4. SPECIFICATION

Physical Appearance	: White To Pale Yellow Solid
Identification (HPLC)	: Identical
Melting Point	: 194 - 197 °C

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
Above information is given in good faith and without warranty.



## SARASORB M (MBBT)

### 5. APPLICATION

: It is a preservative-free, photo-stable, high performance broad-spectrum UV-A and UV-B filter.

It is highly efficient at low concentration and can be processed cold.

This ingredient helps to prevent long term skin damage, shows high efficiency at low concentration and reduces complexity.

It finds application in anti-aging formulas and sun protection products.

### 6. HAZARD CLASSIFICATION

: Non-Hazardous substance.

### 7. ANNUAL CAPACITY

: 100 MT.

### 8. STORAGE CONDITION

: Store at ambient temperature in dry place away from direct sun light.

### 9. PACKING DETAILS

: 25 kg corrugated box pallet.

### 10. SHELF LIFE

: 3 years.

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