

Vermogenweg 3
3641 SR Mijdrecht
The Netherlands

tel.: 31 297 303118
fax: 31 20 5241356
email : sales@hunan-chem.com

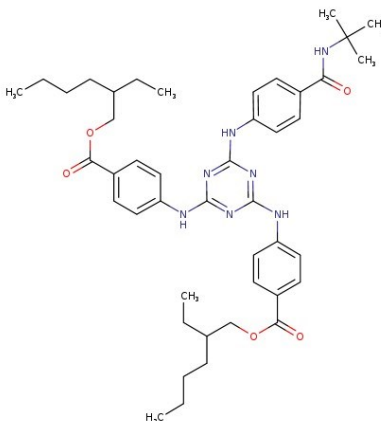
www.hunan-chem.com

Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

10 March 2023

Product name:	DBT
Product Form:	Solid
Chemical name:	Diethylhexyl Butamido Triazone
Synonym:	UV-513; bis(2-ethylhexyl) 4,4'-[6-[4-tert-butylcarbamoyl)anilino]-1,3,5-triazine-2,4-diyl]diimino}dibenzoate; DHBT
CAS No:	154702-15-5
EINECS No:	421-450-8
Molecular formula:	C44H59N7O5
Molecular weight:	766
Structure formula:	



Chemical Specification

Appearance	Off white powder
Melting point (°C)	92.0 – 102.0
Specific extinction)311 nm in ethanol	1470 min.
Loss on drying (%)	0.5 max.
Assay (% , HPLC)	97.0 min.
Total aerobic micro count (cfu/g)	100 max.
Total yeast & mold count (cfu/g)	100 max.
Escherichia coli (in 1g)	Negative
Salmonella (in 1g)	Negative
Candida albicans (in 1g)	Negative
Staphylococcus aureus (in 1g)	Negative
Pseudomonas aeruginosa (in 1g)	Negative

TDS Hunan Chemical BV

Nichel (ppm)	1 max.
Mercury (ppm)	1 max.
Antimony (ppm)	1 max.
Lead (ppm)	5 max.
Arsenic (ppm)	2 max.
Cadmium (ppm)	1 max.
Cobalt (ppm)	1 max.
Chrome (ppm)	1 max.
Total heavy metals (ppm)	10 max.

Packing: In 25kgs net drums, 16drums(400kgs net) on pallet

Shelf life: 24months

Storage: Preserve in well-closed containers. Store at room temperature

Features and application:

DBT is an effective UV-B filter and very soluble in cosmetics oils. It is a very efficient UV filter due to its high specific extinction and its excellent solubility.