

Guangzhou Longhui Trade Co., Ltd.

Room 408 of A Building, Qiaoying Garden
510612 Guangzhou City
Tianhe District,
China

TEL: (020)37398489 FAX: 020-37398912

Tinogard TT

Chemical Nature:

Tinogard TT is a sterically hindered phenolic antioxidant, is a highly effective, non discoloring stabilizer to prevent deterioration of ingredients sensitive to oxidation

Typical properties:

Melting Range (°C)	110-125
Flashpoint (°C)	297
Specific Gravity (20°C) [g/cm ³]	1.15
Solubility of ethyl acetate (20°C) [g/100g solution]	47.0
Solubility in PEG-7 Glyceryl Cocoate (20°C) [g/100g solution]	3.5
Solubility of isopropyl myristate (20°C) [g/100g solution]	3.0
Solubility of 2-propanol (20°C) [g/100g solution]	2.5
Solubility of castor oil (20°C) [g/100g solution]	1.5

Applications:

Tinograd TT is non-discoloring, odorless, tasteless and of low volatility. The product can be used in combination with other phenolic or non-phenolic antioxidants. In general its effectiveness is enhanced by using in combination with chelating agents (e.g. EDTA, NTA, citric acid, phosphoric acid, ascorbic acid, ascorbyl palmitate, lecithin).

Moreover, product protection against photo-deterioration is enhanced by using antioxidants in combination with UV-absorbers. Tinograd TT can be added to the oil, perfume or organic phase of personal care formulations. Because of its insolubility in water a sufficient amount of solubilizing compound is needed in aqueous formulations to avoid precipitation. 0.01 to 0.1% of Tinograd TT typically provides long-term stability to home and personal care formulations.

The information submitted in this publication is based on Guangzhou Longhui Trade Co. Ltd's current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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Storage:

Containers should be stored tightly sealed in a dry place, the temperature do not store above 25.

40 kg/drum.

Shelf Life

5 years:

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