

Description

TTBT is a mixture of tetrabutyltins and tributyltin chlorides. Small amounts of dibutyltin dichloride may also be present. It is a clear to yellow liquid. Some solids may be present as a precipitate, causing a slight haze.

Applications

Typically used as an intermediate in the manufacture of buytlin stabilizers for the PVC industry, catalysts and biological compounds for marine antifoulant formulations.

Specifications

Tin, %, min. 33.9
 Tetraalkytins, %, min. 70
 Inerts, %, max. 1.5
 APHA Color, max. 50

Typical Properties

Appearance clear, colorless to light yellow liquid
 that may contain flocculent solids
 Specific gravity 1.04 - 1.08
 Viscosity @ 25 °C, cP 2.0
 Flash point (tag closed cup), °C 117
 Tin, %, min. 34.3
 Tetraalkytins, %, min. 83.4
 Inerts, %, max. 0.7
 APHA Color, max. 10

Shipping Information

I. Packaging:

Package	Not Loading
Drums	441 lbs./200 kgs
Tank Truck (MC307/MC312)	44,000lbs./20,000 kgs
ISOTANK	40,000 lbs./18,000 kgs
Sample - 5gallon	44 lbs./20 kgs

II. Shipping Description: Corrosive liquid, Toxic, NOS, (Tetrabutyltin, Dibutyltin Dichloride), 8, 6.1, UN2922, PG III, Marine Pollutant (Tributyltin Chloride)

Safety and Handling

Consult the material safety data sheet (MSDS) for information on the safe handling and use of this product. The MSDS may be requested from the Sales Service Office of Albemarle Corporation, Inc. on behalf of Stannica LLC.

Chemical Registration Numbers

	CAS Registry No.	EINECS No.
Tetra- <i>n</i> -butyltin	1461-25-2	2159608
Tri- <i>n</i> -butyltin chloride	1461-22-9	2159587
Di- <i>n</i> -butyltin dichloride	683-18-1	2116700

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