

Description

TTOT is a mixture of tetraoctyltins, trioctyltin chlorides, and dioctyltin chlorides. 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 octyltin stabilizers for use as PVC stabilizers or for use as catalysts. Commercial-grade TTOT is suitable for production of FDA food-grade octyltin stabilizers.

Specifications

Tin, %, min.	20.0
Tetraalkyltins, %, min.	80
Trialkyltins, %, max.	20
Dialkyltins, %, max.	3.5
Inerts, %, max.	3.5
Chlorides, %, max.	2.5
APHA Color, max.	50

Typical Properties

Appearance	clear to yellow liquid, may be slightly hazy
Specific gravity	0.96 - 0.98
Viscosity @ 25 °C, cP	18 - 20
Tin, %	21.8
Tetraalkyltins, %	85.4
Trialkyltins, %	13.2
Dialkyltins, %	0.3
Inerts, %	0.9
Chlorides, %	1.0
APHA Color	10

Shipping Information

I. Packaging:

Package

Drums
Tank Truck (MC307/MC312)
ISOTANK
Sample - 5 gallon

Loading

441 lbs/200 kgs
44,000 lbs/20,000 kgs
40,000 lbs/18,000 kgs
44 lbs/20 kgs

II. Shipping Description: Non-regulated

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 on behalf of Stannica LLC.

Chemical Registration Numbers

	CAS Registry No.	EINECS No.
Tetra- <i>n</i> -octyltin	3590-84-9	2227337
Tri- <i>n</i> -octyltin chloride	2587-76-0	2199698
Di- <i>n</i> -octyltin dichloride	3542-36-7	2225832

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