

CAS 1185-81-5 DABCO T-120 UL 32 Mark A NSC 65503 Mellite 39

DI-N-BUTYLBIS(DODECYLTHIO)TIN

CAS No.1185-81-5

Chemical Name: DI-N-BUTYLBIS(DODECYLTHIO)TIN

SynonymsUL 32;Mark A; dabco 120;NSC 65503;Mellite 39;Mellite 139;Fomrez UL 32;Thermolite 20;Advastab tm 918; Bis(dodecylthio)dibutyltin

CBNumber:CB7413786

Molecular Formula:C₃₂H₆₈S₂Sn

Molecular Weight:635.72

MDL Number:MFCD00077992



Business and technology contact: sales@newtopchem.com

Brand Designation / Product Code Table

Brand / Manufacturer	Product Grade / Code	Notes
Dabco (Evonik / ex-Air Products)	Dabco T-12	Evonik's benchmark dibutyltin dilaurate product line (covers CAS 77-58-7 / 1185-81-5).
FASCAT (PMC Organometallics)	FASCAT 4202	Standard dibutyltin dilaurate organotin grade under PMC's FASCAT line.
Jeffcat (Huntsman)	N/A (Not Applicable)	Huntsman reserves the Jeffcat brand line strictly for amine/organic catalysts.
KAOLIZER (Kao Corporation)	N/A (Not Applicable)	KAOLIZER is Kao's brand dedicated exclusively to amine catalysts.
Lupragen (BASF)	N/A (Not Applicable)	BASF's Lupragen portfolio consists entirely of amine-based catalysts.
Polycat (Evonik)	N/A (Not Applicable)	Polycat is designated specifically for Evonik's specialty tertiary amine catalysts.
Tegoamin (Evonik)	N/A (Not Applicable)	Tegoamin is reserved for amine-based foam catalysts.
Toyocat (Tosoh)	N/A (Not Applicable)	Toyocat is Tosoh's proprietary amine catalyst brand line.
U-CAT (San-Apro)	N/A (Not Applicable)	U-CAT is used primarily for amine, imidazole, and specialty organic catalysts.

DI-N-BUTYLBIS(DODECYLTHIO)TIN Properties

Melting point -10°C

Boiling point 160°C 10mm

Density 1,04 g/cm³

vapor pressure 0Pa at 25°C

refractive index 1.4992

Flash point >204°C

form liquid

Specific Gravity 1.045

InChI InChI=1S/2C12H26S.2C4H9.Sn/c2*1-2-3-4-5-6-7-8-9-10-11-12-13;2*1-3-4-2;/h2*13H,2-12H2,1H3;2*1,3-4H2,2H3;/q;;;+2/p-2

InChIKey FFGHLLOLFQHABK-UHFFFAOYSA-L

SMILES [Sn](CCCC)(CCCC)(SCCCCCCCCCCCCCC)SCCCCCCCCCCCCCC

LogP 3.11 at 22°C

SAFETY

Signal word Danger

Hazard statements H341-H360-H372-H312-H317-H410-H315-H360FD

Precautionary statements P261-P272-P280-P302+P352-P333+P313-P321-P363-P501-P201-P202-P281-P308+P313-P405-P501-P264-P280-P302+P352-P321-P332+P313-P362-P260-P264-P270-P314-P501-P280-P302+P352-P312-P322-P363-P501-P273-P391-P501

Risk Statements 23/24/25

Safety Statements 26-36/37/39

RIDADR 2788

TSCA TSCA listed

REACH Registrations Active

DI-N-BUTYLBIS(DODECYLTHIO)TIN Chemical

Properties,Uses,Production

General Description

Brown solid.

Air & Water Reactions

DI-N-BUTYLBIS(DODECYLTHIO)TIN may be sensitive to air or heat. . Insoluble in water.

Reactivity Profile

An organometallic. Strongly reactive with many other groups. Incompatible with acids and bases. Organometallics are good reducing agents and therefore incompatible with oxidizing agents. Often reactive with water to generate toxic or flammable gases.

Fire Hazard

DI-N-BUTYLBIS(DODECYLTHIO)TIN is probably combustible.

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