

Material Safety Data Sheet

according to ANSI Z400.1-2004

6-Trimethylstannyl-L-DOPA

Print date: 30.04.2013

Product code: 1300

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

6-Trimethylstannyl-L-DOPA

Further trade namesL-Tyrosine, 5-[[[(1,1-dimethylethoxy)carbony]oxy]-N-formyl-2-(trimethylstannyl)-,ethyl ester,
1,1-dimethylethyl carbonate

Synonymes:

N-Formyl-3,4-di-tert-butoxycarbonyloxy-6-(trimethyl-stannyl)-L-phenylalanine ethyl ester;

Trimethylstannyl-L-DOPA

Chemical characterization (substance)L-Tyrosine, 5-[[[(1,1-dimethylethoxy)carbony]oxy]-N-formyl-2-(trimethylstannyl)-,ethyl ester,
1,1-dimethylethyl carbonate

CAS No: 143993-90-2

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
Biomedizinische Forschungsreagenzien GmbH

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Emergency telephone: +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients**Substances**Sum formula: C₂₅H₃₉NO₉Sn

Molecular weight: 616.28

Hazardous components

CAS No	Components	Quantity
143993-90-2	6-Trimethylstannyl-L-DOPA	95 - 100 %

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SECTION 4: First aid measures

Description of first aid measures

SECTION 5: Firefighting measures

Extinguishing media

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Further information on storage conditions

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-15

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:

Color:

Test method

Changes in the physical state

SECTION 10: Stability and reactivity

Stability:

Stable

Possibility of Hazardous Reactions:

Will not occur

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

...

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
143993-90-2	6-Trimethylstannyl-L-DOPA				
	oral	ATE	100 mg/kg		
	dermal	ATE	1100 mg/kg		

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SECTION 12: Ecological information

SECTION 13: Disposal considerations

Waste treatment methods

SECTION 14: Transport information

US DOT 49 CFR 172.101

ID Number:	3146
Proper shipping name	ORGANOTIN COMPOUND, SOLID, N.O.S (contains Trimethyltin-dopa-derivate)
Hazard Class or Division:	6.1
Packing group:	III
Label:	6.1

Marine transport (IMDG)

UN number:	3146
UN proper shipping name:	ORGANOTIN COMPOUND, SOLID, N.O.S (contains Trimethyltin-dopa-derivate)
Transport hazard class(es):	6.1
Packing group:	III
Hazard label:	6.1

Air transport (ICAO)

UN number:	3146
UN proper shipping name:	ORGANOTIN COMPOUND, SOLID, N.O.S (contains Trimethyltin-dopa-derivate)
Transport hazard class(es):	6.1
Packing group:	III
Hazard label:	6.1

Other applicable information

3146

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health:	3
Flammability:	1
Physical Hazard:	1
Personal Protection:	F

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NFPA Hazard Ratings

Health:	3
Flammability:	1
Reactivity:	1
Unique Hazard:	

