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

1.1. Product identifier

Product form: Substance
Physical state: Liquid
Substance name: DI-n-BUTYL-S'-BIS(2-ETHYLHEXYL Mercaptoacetate)TIN, tech-95
Product code: SND3340
Formula: C28H56O4S2Sn
Synonyms:
- DI-N-BUTYL Tin STABILIZER
- DIBUTYLTIN BIS(2-ETHYLHEXYL THIOGLYCOLATE)
- DIBUTYLTIN BIS(2-ETHYLHEXYL MERCAPTOACETATE)
- ACETIC ACID, [(DIBUTYLSTANNYLENE)DITHIO]DI-, BIS(2-ETHYLHEXYL) ESTER
- 2-ETHYLHEXYL 4,4-DIBUTYL-10-ETHYL-7-OXO-8-OXA-3,5-DITHIA-4-STANNATETRADECANOATE
- 8-OXA-3,5-DITHIA-4-STANNATETRADECANOIC ACID, 4,4-DIBUTYL-10-ETHYL-7-OXO-, 2-ETHYLHEXYL ESTER

Chemical family: TIN COMPOUND

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture: Chemical intermediate

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
11 East Steel Road
Morristown, PA 19067
USA
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST
info@gelest.com - www.gelest.com

GELEST INC.
Fritz-Klatte-Strasse 8
65933 Frankfurt
Germany
T +49 (0) 69 3535106-500 - F +49 (0) 69 3535106-501 - (M-F): 8:00 AM - 4:00 PM
info@geleste.com - www.geleste.com

1.4. Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4: H302
Skin corrosion/irritation, Category 2: H315
Serious eye damage/eye irritation, Category 2: H319
Specific target organ toxicity — Single exposure, Category 3: H335
Respiratory tract irritation
Hazardous to the aquatic environment — Acute Hazard, Category 1: H400

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
Safety Data Sheet

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):
- GHS07
- GHS09

Signal word (CLP): Warning

Hazard statements (CLP):
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.

Precautionary statements (CLP):
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P261 - Avoid breathing mist, vapours.
- P264 - Wash hands thoroughly after handling.
- P273 - Avoid release to the environment.
- P330 - Rinse mouth.
- P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell.

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Substance type: Mono-constituent

Name: DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
CAS-No.: 10584-98-2
EC-No.: 246-703-8

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl-S,S'-bis(2-ethylhexylmercaptoacetate)tin</td>
<td>(CAS-No.) 10584-98-2 (EC-No.) 234-186-1</td>
<td>95 - 100</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10)</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact: Wash with plenty of water/... Get medical advice/attention.

First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion: Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation: May cause respiratory irritation.
Symptoms/effects after skin contact: Causes skin irritation.
Symptoms/effects after eye contact: Causes serious eye irritation.
Symptoms/effects after ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
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Chronic symptoms: Exposure to dust or fumes of inorganic tin compounds is known to cause a benign pneumoniosis. (stannosis).

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

5.3. Advice for firefighters
Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray to cool exposed surfaces.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapour and mist.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Protective equipment: Wear protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions
Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapour and mist. Use only outdoors or in a well-ventilated area.
Hygiene measures: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep container tightly closed. Store locked up.
Storage area: Store in a well-ventilated place. Store away from heat.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TWA (mg/m³)</th>
<th>ACGIH STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl-S,S'-bis(2-ethylhexylmercaptoacetate)tin (10584-98-2)</td>
<td>0.1 mg/m³ as tin</td>
<td>0.2 mg/m³ (skin) as tin</td>
</tr>
</tbody>
</table>

Print date: 11/04/2019 EN (English) SDS ID: SND3340SNDS3340 3/10
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
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8.2. Exposure controls

Appropriate engineering controls:
Provide local exhaust or general room ventilation.

Personal protective equipment:
Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:
Neoprene or nitrile rubber gloves

Eye protection:
Chemical goggles. Contact lenses should not be worn

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified combination organic vapor/acid gas (yellow cartridge) respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>639.56 g/mol</td>
</tr>
<tr>
<td>Colour</td>
<td>Pale yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Disagreeable</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.506</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>-25 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 200 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>140 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.12</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>&lt; 0.3 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
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10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Avoid contact with strong oxidizers such as peroxides and chlorine.

10.4. Conditions to avoid
Open flame. Heat. Sparks.

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Harmful if swallowed.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50 oral rat</th>
<th>ATE CLP (oral)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl-S,S'-bis(2-ethylhexylmercaptoacetate)tin (10584-98-2)</td>
<td>510 mg/kg</td>
<td>510 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified

Reproductive toxicity: Not classified
STOT-single exposure: May cause respiratory irritation.
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after inhalation: May cause respiratory irritation.
Symptoms/effects after skin contact: Causes skin irritation.
Symptoms/effects after eye contact: Causes serious eye irritation.
Symptoms/effects after ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

Chronic symptoms: Exposure to dust or fumes of inorganic tin compounds is known to cause a benign pneumoniosis. (stannosis).

Reason for classification: Expert judgment

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: Very toxic to aquatic life.
Acute aquatic toxicity: Very toxic to aquatic life.
Chronic aquatic toxicity: Not classified

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 fish</th>
<th>EC50 Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl-S,S'-bis(2-ethylhexylmercaptoacetate)tin (10584-98-2)</td>
<td>11.7 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])</td>
<td>0.035 mg/l (Exposure time: 48 h - Species: Daphnia magna Straus)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl-S,S'-bis(2-ethylhexylmercaptoacetate)tin (10584-98-2)</td>
<td>1.49</td>
</tr>
</tbody>
</table>
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
Safety Data Sheet

**12.4. Mobility in soil**
No additional information available

**12.5. Results of PBT and vPvB assessment**
No additional information available

**12.6. Other adverse effects**
No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

<table>
<thead>
<tr>
<th>Sewage disposal recommendations</th>
<th>Do not dispose of waste into sewer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product/Packaging disposal recommendations</td>
<td>May be incinerated with scrubbers for metallic oxides and sulfur dioxide. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.</td>
</tr>
<tr>
<td>Ecology - waste materials</td>
<td>Avoid release to the environment.</td>
</tr>
</tbody>
</table>

**SECTION 14: Transport information**

**14.1. UN number**
In accordance with ADR / RID / IMDG / IATA / ADN

| UN-No. (ADR) | 3082 |
| UN-No. (IMDG) | 3082 |
| UN-No. (IATA) | 3082 |
| UN-No. (ADN) | 3082 |
| UN-No. (RID) | 3082 |

**14.2. UN proper shipping name**

| Proper Shipping Name (ADR) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (IMDG) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (IATA) | Environmentally hazardous substance, liquid, n.o.s. |
| Proper Shipping Name (ADN) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (RID) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Transport document description (ADR) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN), 9, III, (E) |
| Transport document description (IMDG) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN), 9, III, MARINE POLLUTANT |
| Transport document description (IATA) | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN), 9, III |
| Transport document description (ADN) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN), 9, III |
| Transport document description (RID) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN), 9, III |

**14.3. Transport hazard class(es)**

| ADR | Danger labels (ADR) | 9 |
| IMDG | | |

| IMDG | Transport hazard class(es) (IMDG) | 9 |
| Danger labels (IMDG) | 9 |
## DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95

### Safety Data Sheet

---

#### 14.4. Packing group

<table>
<thead>
<tr>
<th>Packing group (ADR)</th>
<th>: III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group (IMDG)</td>
<td>: III</td>
</tr>
<tr>
<td>Packing group (IATA)</td>
<td>: III</td>
</tr>
<tr>
<td>Packing group (ADN)</td>
<td>: III</td>
</tr>
<tr>
<td>Packing group (RID)</td>
<td>: III</td>
</tr>
</tbody>
</table>

#### 14.5. Environmental hazards

| Dangerous for the environment | : Yes |
| Marine pollutant | : Yes |
| Other information | : No supplementary information available |

#### 14.6. Special precautions for user

**- Overland transport**

| Classification code (ADR) | : M6 |
| Special provisions (ADR) | : 274, 335, 601, 375 |
| Limited quantities (ADR) | : 5l |
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container instructions (ADR) | : T4 |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29 |
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95
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Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
Hazard identification number (Kemler No.) : 90
Orange plates

Tunnel restriction code (ADR) : E

- **Transport by sea**
  Special provisions (IMDG) : 274, 335, 969
  Limited quantities (IMDG) : 5 L
  Excepted quantities (IMDG) : E1
  Packing instructions (IMDG) : P001, LP01
  Special packing provisions (IMDG) : PP1
  IBC packing instructions (IMDG) : IBC03
  Tank instructions (IMDG) : T4
  Tank special provisions (IMDG) : TP2, TP29
  EmS-No. (Fire) : F-A
  EmS-No. (Spillage) : S-F
  Stowage category (IMDG) : A

- **Air transport**
  PCA Excepted quantities (IATA) : E1
  PCA Limited quantities (IATA) : Y964
  PCA limited quantity max net quantity (IATA) : 30kg
  PCA packing instructions (IATA) : 964
  PCA max net quantity (IATA) : 450L
  CAO packing instructions (IATA) : 964
  CAO max net quantity (IATA) : 450L
  Special provisions (IATA) : A97, A158, A197
  ERG code (IATA) : 9L

- **Inland waterway transport**
  Classification code (ADN) : M6
  Special provisions (ADN) : 274, 335, 375, 601
  Limited quantities (ADN) : 5 L
  Excepted quantities (ADN) : E1
  Carriage permitted (ADN) : T
  Equipment required (ADN) : PP
  Number of blue cones/lights (ADN) : 0

- **Rail transport**
  Classification code (RID) : M6
  Special provisions (RID) : 274, 335, 375, 601
  Limited quantities (RID) : 5L
  Excepted quantities (RID) : E1
  Packing instructions (RID) : P001, IBC03, LP01, R001
  Special packing provisions (RID) : PP1
  Mixed packing provisions (RID) : MP19
  Portable tank and bulk container instructions (RID) : T4
  Portable tank and bulk container special provisions (RID) : TP1, TP29
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95

Safety Data Sheet

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95 is not on the REACH Candidate List
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95 is not on the REACH Annex XIV List
DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95 is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

% Volatiles : < 0.3 %

15.1.2. National regulations

Germany
Reference to AwSV : Water hazard class (WGK) 3, Highly hazardous to water (KBwSBeschluss; ID No. 7696)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijs van kankerverwekkende stoffen : The substance is not listed
SZW-lijs van mutagene stoffen : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

Denmark
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No additional information available

Section 16: Other information

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>Abbreviations and acronyms</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor</td>
<td></td>
</tr>
</tbody>
</table>

Other information : Prepared by safety and environmental affairs.

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
</tbody>
</table>
## DI-n-BUTYL-S,S'-BIS(2-ETHYLHEXYLMERCAPTOACETATE)TIN, tech-95

### Safety Data Sheet

<table>
<thead>
<tr>
<th>Label</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irr. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Skin Irr. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
</tbody>
</table>

**SDS EU (REACH Annex II) - Custom**

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