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

#### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Substance name</td>
<td>BIS(TRI-n-BUTYL Tin)OXIDE</td>
</tr>
<tr>
<td>Product code</td>
<td>SNB1800</td>
</tr>
<tr>
<td>Formula</td>
<td>C24H54OSn2</td>
</tr>
</tbody>
</table>

#### 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
For research and industrial use only

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
Morrisville, 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.**
Stroofstrasse 27 Geb.2901
65933 Frankfurt am Main
Germany
T +49-(0)-69-3800-2150 - F +49-(0)-69-3800-2300 - (M-F): 8:00 AM - 5:30 PM
info@geleste.de - www.geleste.de

#### 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

<table>
<thead>
<tr>
<th>Classification</th>
<th>H Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral), Category 3</td>
<td>H301</td>
</tr>
<tr>
<td>Acute toxicity (dermal), Category 3</td>
<td>H311</td>
</tr>
<tr>
<td>Skin corrosion/irritation, Category 2</td>
<td>H315</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation, Category 2</td>
<td>H319</td>
</tr>
<tr>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
<td>H335</td>
</tr>
<tr>
<td>Specific target organ toxicity — Repeated exposure, Category 1</td>
<td>H372</td>
</tr>
<tr>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
<td>H400</td>
</tr>
<tr>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
<td>H410</td>
</tr>
</tbody>
</table>

Full text of H statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available
## 2.2. Label elements

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

**Hazard pictograms (CLP):**
- GHS06
- GHS08
- GHS09

**Signal word (CLP):** Danger

**Hazard statements (CLP):**
- H301+H311 - Toxic if swallowed or in contact with skin
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H372 - Causes damage to organs through prolonged or repeated exposure
- H410 - Very toxic to aquatic life with long lasting effects

**Precautionary statements (CLP):**
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P260 - Do not breathe mist
- P264 - Wash hands thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P312 - Call a doctor if you feel unwell

## 2.3. Other hazards

This substance/mixture meets the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains PBT substances >= 0.1% assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

<table>
<thead>
<tr>
<th>Substance type</th>
<th>Name</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mono-constituent</td>
<td>Bis(tributyltin) oxide</td>
<td>56-35-9</td>
<td>200-268-0</td>
<td>Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Bis(tributyltin) oxide

substance listed as REACH Candidate (Bis(tributyltin)oxide (TBTO))

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 victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

#### First-aid measures after skin contact
Wash with plenty of soap and 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 irritation to the respiratory tract. Overexposure may cause: Cough. Headache. Nausea.
Symptoms/effects after skin contact: Causes skin irritation. Harmful in contact with skin.
Symptoms/effects after eye contact: Causes serious eye irritation.
Symptoms/effects after ingestion: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed
Note to physician: Application of corticosteroid creams has been effective in treating severe skin irritation. If blisters develop, they may require abrasion to promote healing.

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
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
Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal.

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. The use of this material for bioactive purposes is prohibited.
Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep container tightly closed. Keep away from food.
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>Bis(tributyltin) oxide (56-35-9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria MAK (mg/m³)</td>
<td>0.05 mg/m³</td>
</tr>
<tr>
<td>Austria MAK (ppm)</td>
<td>0.002 ppm</td>
</tr>
<tr>
<td>Austria MAK Short time value (mg/m³)</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td>Austria MAK Short time value (ppm)</td>
<td>0.008 ppm</td>
</tr>
<tr>
<td>Italy - Portugal - USA ACGIH ACGIH TWA (mg/m³)</td>
<td>0.1 mg/m³ as tin (skin)</td>
</tr>
<tr>
<td>USA OSHA OSHA PEL (TWA) (mg/m³)</td>
<td>0.1 mg/m³ as tin</td>
</tr>
</tbody>
</table>
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 dust and mist (orange 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>Clear liquid.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>596.08 g/mol</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear to pale yellow.</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.4864</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>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>-45 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>180 °C @ 2 mm Hg</td>
</tr>
<tr>
<td>Flash point</td>
<td>168 °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>1.1 x 10^-5 mm Hg @ 20°C</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.17</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>&lt; 2 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: &lt; 0.1 %</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>4.8 cSt @ 25°C</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

10.2. Chemical stability

Stable.
### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Organic acid vapors. Tin oxides.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**

- Oral: Toxic if swallowed. Dermal: Toxic in contact with skin.

<table>
<thead>
<tr>
<th>BIS(TRI-n-BUTYL Tin)OXIDE (56-35-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE CLP (oral)</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
</tr>
</tbody>
</table>

**Bis(tributyltin) oxide (56-35-9)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>148 - 234 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>605 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>64 µL/m³ (Exposure time: 4 h)</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>200 mg/m³ guinea pig</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>148 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>605 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**

- Causes skin irritation.
  - Skin irritation score = 75/110 (severely irritating)

**Serious eye damage/irritation**

- Causes serious eye irritation.
  - Eye irritation score = 3/8 (slightly to moderately irritating)

**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**

- Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

- Not classified

**Symptoms/effects after inhalation**


**Symptoms/effects after skin contact**

- Causes skin irritation. Harmful in contact with skin.

**Symptoms/effects after eye contact**

- Causes serious eye irritation.

**Symptoms/effects after ingestion**

- Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general**

- This material is acutely toxic to aquatic life if released to open waters.

**Acute aquatic toxicity**

- Very toxic to aquatic life.

**Chronic aquatic toxicity**

- Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>BIS(TRI-n-BUTYL Tin)OXIDE (56-35-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
<tr>
<td>LC50 fish 2</td>
</tr>
<tr>
<td>EC50 Daphnia 2</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

**Bis(tributyltin) oxide (56-35-9)**

<table>
<thead>
<tr>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2</td>
</tr>
</tbody>
</table>
12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>BIS(TRI-n-BUTYLTIN)OXIDE (56-35-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This substance/mixture meets the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Bis(tributyltin) oxide (56-35-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notes</td>
<td>This substance/mixture meets the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>Notes</td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Waste treatment methods</th>
<th>Do not contaminate by cleaning of equipment or disposal of wastes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product/Packaging disposal recommendations</td>
<td>Dispose of solid materials or residues at a licensed site. 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

| UN-No. (ADR) | 2788 |
| UN-No. (IATA) | 2788 |
| UN-No. (IMDG) | 2788 |

14.2. UN proper shipping name

| Proper Shipping Name (ADR) | ORGANOtin compound, LIQUID, N.O.S. |
| Proper Shipping Name (IATA) | Organotin compound, liquid, n.o.s. |
| Proper Shipping Name (IMDG) | ORGANOtin compound, LIQUID, N.O.S. |
| Transport document description (ADR) | UN 2788 ORGANOtin compound, LIQUID, N.O.S. (BIS(TRI-n-BUTYLTIN)OXIDE), 6.1, III, (E), ENVIRONMENTALLY HAZARDOUS |

14.3. Transport hazard class(es)

| Class (ADR) | 6.1 |
| Class (IATA) | 6.1 |
| Class (IMDG) | 6.1 |
| Danger labels (ADR) | 6.1 |
| Division (IATA) | 6.1 |
| Hazard labels (IATA) | 6.1 |
| Danger labels (IMDG) | 6.1 |
| Division (IMDG) | 6.1 |

14.4. Packing group

| Packing group (ADR) | III |
| Packing group (IATA) | III |
| Packing group (IMDG) | III |
Environmental hazards

Dangerous for the environment
Marine pollutant

Other information: No supplementary information available.

Special precautions for user

Overland transport

Hazard identification number (Kemler No.) : 60
Classification code (ADR) : T3
Orange plates:

Special provisions (ADR) : 43, 274
Transport category (ADR) : 2
Tunnel restriction code (ADR) : E
Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E1
EAC code : 2X
APP code : B

Transport by sea

Special provisions (IMDG) : 43, 223, 274
Limited quantities (IMDG) : 5 l
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP2, TP28
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-A
Stowage category (IMDG) : A

Air transport

CAO packing instructions (IATA) : 663
CAO max net quantity (IATA) : 220L
PCA packing instructions (IATA) : 655
PCA Limited quantities (IATA) : Y642
PCA limited quantity max net quantity (IATA) : 2L
PCA max net quantity (IATA) : 60L
PCA Excepted quantities (IATA) : E1
Special provisions (IATA) : A3, A4, A6
ERG code (IATA) : 6L

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Regulatory information

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

EU-Regulations

No REACH Annex XVII restrictions
Bis(tributyltin)oxide (TBTO) is on the REACH Candidate List
Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: Bis(tributyltin)oxide (TBTO) (EC 200-268-0, CAS 56-35-9)
BIS(TRI-n-BUTYLTIN)OXIDE is not on the REACH Annex XIV List
% Volatiles : < 2 %

15.1.2. National regulations

Germany
AwSV/VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 1 or 2; ID No. 502)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-list van kankerverwekkende stoffen : The substance is not listed
SZW-list 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
Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Bis(tributyltin) oxide (56-35-9)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on N ZiCo (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Japanese Poisonous and Deleterious Substances Control Law
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on the Canadian IDL (Ingredient Disclosure List)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Abbreviations and acronyms : 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.

Full text of H- and EUH-statements:

- Acute Tox. 3 (Dermal) : Acute toxicity (dermal), Category 3
- Acute Tox. 3 (Oral) : Acute toxicity (oral), Category 3
- Aquatic Acute 1 : Hazardous to the aquatic environment — Acute Hazard, Category 1
- Aquatic Chronic 1 : Hazardous to the aquatic environment — Chronic Hazard, Category 1
- Eye Irrit. 2 : Serious eye damage/eye irritation, Category 2
- Skin Irrit. 2 : Skin corrosion/irritation, Category 2
- STOT RE 1 : Specific target organ toxicity — Repeated exposure, Category 1
- STOT SE 3 : Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
BIS(TRI-n-BUTYLTIN)OXIDE
Safety Data Sheet

H301  Toxic if swallowed
H311  Toxic in contact with skin
H315  Causes skin irritation
H319  Causes serious eye irritation
H335  May cause respiratory irritation
H372  Causes damage to organs through prolonged or repeated exposure
H400  Very toxic to aquatic life
H410  Very toxic to aquatic life with long lasting effects

Prepared by safety and environmental affairs.

SDS EU (REACH Annex II) - Custom
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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