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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product form</td>
<td>Substance</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Substance name</td>
<td>DI-n-BUTYLTIN SULFIDE, tech-95</td>
</tr>
<tr>
<td>Product code</td>
<td>SND3355</td>
</tr>
<tr>
<td>Formula</td>
<td>C8H18SSn</td>
</tr>
<tr>
<td>Synonyms</td>
<td>DI-n-BUTYLTHIOXOSTANNANE</td>
</tr>
<tr>
<td>Chemical family</td>
<td>ORGANOTIN</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

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.
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@gelestde.com - www.gelestde.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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>H Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Category 3</td>
<td>H301</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
<td>H315</td>
</tr>
<tr>
<td>Specific target organ toxicity — Single exposure</td>
<td>Category 3</td>
<td>H335</td>
</tr>
<tr>
<td>Respiratory tract irritation</td>
<td></td>
<td></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](image)

Signal word (CLP): Danger

Hazard statements (CLP): H301 - Toxic if swallowed. H315 - Causes skin irritation.
DI-n-BUTYL Tin SULFIDE, tech-95 
Safety Data Sheet

Precautionary statements (CLP)
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P261 - Avoid breathing mist.
- P264 - Wash hands thoroughly after handling.
- P330 - Rinse mouth.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Name: DI-n-BUTYL Tin SULFIDE, tech-95 
CAS-No.: 4253-22-9
EC-No.: 224-220-3

<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>Dibutyltin sulfide</td>
<td>(CAS-No.) 4253-22-9 (EC-No.) 224-220-3</td>
<td>95 - 100</td>
<td>Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 STOT SE 3, H335</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: May cause eye irritation.
Symptoms/effects after ingestion: Toxic 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).

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: Do not use straight streams.

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: Use water spray to cool exposed surfaces. Exercise caution when fighting any chemical fire.
DI-n-BUTYL Tin SULFIDE, tech-95
Safety Data Sheet

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

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. 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.

Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. 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>Dibutyltin sulfide (4253-22-9)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.1 mg/m³ as tin</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>0.1 mg/m³ as tin</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Handle in an enclosing hood with exhaust 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
## 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>Viscous liquid or off-white solid</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>264.98 g/mol</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow-amber</td>
</tr>
<tr>
<td>Odour</td>
<td>Stench</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.579</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>&lt; -5 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>&gt; 300 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 110 °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>1.42</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>&lt; 0.3 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water. Reacts slowly with water. Organic solvent: Soluble: THF, hot toluene</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

### 10.2. Chemical stability

Stable. Product will solidify with prolonged storage.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Heat. Open flame. Sparks.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products


## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**: Toxic if swallowed.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Route</th>
<th>LD₅₀ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DI-n-BUTYL Tin Sulfide, tech-95 (4253-22-9)</strong></td>
<td>Oral</td>
<td>145 mg/kg</td>
</tr>
<tr>
<td><strong>ATE CLP (oral)</strong></td>
<td></td>
<td>145 mg/kg</td>
</tr>
<tr>
<td><strong>Dibutyltin sulfide (4253-22-9)</strong></td>
<td>Oral</td>
<td>145 mg/kg</td>
</tr>
<tr>
<td>LD₅₀ oral rat</td>
<td></td>
<td>145 mg/kg</td>
</tr>
<tr>
<td><strong>ATE CLP (oral)</strong></td>
<td></td>
<td>145 mg/kg</td>
</tr>
</tbody>
</table>
### DI-n-BUTYLtin SULFIDE, tech-95

**Safety Data Sheet**

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitisation</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>STOT-single exposure</strong></td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td><strong>STOT-repeated exposure</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Aspiration hazard</strong></td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Symptoms/effects after inhalation</strong></td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td><strong>Symptoms/effects after skin contact</strong></td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td><strong>Symptoms/effects after eye contact</strong></td>
<td>May cause eye irritation.</td>
</tr>
<tr>
<td><strong>Symptoms/effects after ingestion</strong></td>
<td>Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.</td>
</tr>
<tr>
<td><strong>Chronic symptoms</strong></td>
<td>Exposure to dust or fumes of inorganic tin compounds is known to cause a benign pneumoniosis. (stannosis)</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Type</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 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

Other adverse effects: This substance may be hazardous to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- **Sewage disposal recommendations**: Do not dispose of waste into sewer.
- **Product-Packaging disposal recommendations**: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.
- **Ecology - waste materials**: Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. UN number

In accordance with ADR / RID / IMDG / IATA / ADN

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

#### 14.2. UN proper shipping name

- **Proper Shipping Name (ADR)**: ORGANOTIN COMPOUND, LIQUID, N.O.S.
- **Proper Shipping Name (IMDG)**: ORGANOTIN COMPOUND, LIQUID, N.O.S.
- **Proper Shipping Name (IATA)**: Organotin compound, liquid, n.o.s.

Print date: 11/04/2019  
SDS ID: SND3355
## DI-n-BUTYL Tin Sulfide, tech-95

### Safety Data Sheet

<table>
<thead>
<tr>
<th>Proper Shipping Name (ADN)</th>
<th>ORGANOTIN COMPOUND, LIQUID, N.O.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name (RID)</td>
<td>ORGANOTIN COMPOUND, LIQUID, N.O.S.</td>
</tr>
<tr>
<td>Transport document description (ADR)</td>
<td>UN 2788 ORGANOTIN COMPOUND, LIQUID, N.O.S. (DI-n-BUTYL Tin Sulfide), 6.1, III, (E)</td>
</tr>
<tr>
<td>Transport document description (IMDG)</td>
<td>UN 2788 ORGANOTIN COMPOUND, LIQUID, N.O.S. (DI-n-BUTYL Tin Sulfide), 6.1, III, MARINE POLLUTANT</td>
</tr>
<tr>
<td>Transport document description (IATA)</td>
<td>UN 2788 ORGANOTIN COMPOUND, LIQUID, N.O.S. (DI-n-BUTYL Tin Sulfide), 6.1, III</td>
</tr>
<tr>
<td>Transport document description (ADN)</td>
<td>UN 2788 ORGANOTIN COMPOUND, LIQUID, N.O.S. (DI-n-BUTYL Tin Sulfide), 6.1, III</td>
</tr>
<tr>
<td>Transport document description (RID)</td>
<td>UN 2788 ORGANOTIN COMPOUND, LIQUID, N.O.S. (DI-n-BUTYL Tin Sulfide), 6.1, III</td>
</tr>
</tbody>
</table>

### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR</th>
<th>Transport hazard class(es) (ADR)</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger labels (ADR)</td>
<td>6.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMDG</th>
<th>Transport hazard class(es) (IMDG)</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger labels (IMDG)</td>
<td>6.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IATA</th>
<th>Transport hazard class(es) (IATA)</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hazard labels (IATA)</td>
<td>6.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADN</th>
<th>Transport hazard class(es) (ADN)</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger labels (ADN)</td>
<td>6.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RID</th>
<th>Transport hazard class(es) (RID)</th>
<th>6.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger labels (RID)</td>
<td>6.1</td>
</tr>
</tbody>
</table>

### 14.4. Packing group

<table>
<thead>
<tr>
<th>Packing group (ADR)</th>
<th>III</th>
</tr>
</thead>
</table>

Print date: 11/04/2019

EN (English)  
SDS ID: SND3355
DI-n-BUTYL Tin SULFIDE, tech-95
Safety Data Sheet

Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

14.5. Environmental hazards
Dangerous for the environment : No
Marine pollutant : Yes (IMDG only)
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport
  Classification code (ADR) : T3
  Special provisions (ADR) : 43, 274
  Limited quantities (ADR) : 5 l
  Excepted quantities (ADR) : E1
  Packing instructions (ADR) : P001, IBC03, LP01, R001
  Mixed packing provisions (ADR) : MP19
  Portable tank and bulk container instructions (ADR) : T7
  Portable tank and bulk container special provisions (ADR) : TP2, TP28
  Tank code (ADR) : L4BH
  Tank special provisions (ADR) : TU15, TE19
  Vehicle for tank carriage : AT
  Transport category (ADR) : 2
  Special provisions for carriage - Packages (ADR) : V12
  Special provisions for carriage - Loading, unloading and handling (ADR) : CV13, CV28
  Special provisions for carriage - Operation (ADR) : S9
  Hazard identification number (Kemler No.) : 60
  Orange plates : 60
          2788
Tunnel restriction code (ADR) : E
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
  Stowage and handling (IMDG) : SW2
  Properties and observations (IMDG) : A wide variety of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.

- Air transport
  PCA Excepted quantities (IATA) : E1
  PCA Limited quantities (IATA) : Y642
  PCA limited quantity max net quantity (IATA) : 2 L
  PCA packing instructions (IATA) : 655
DI-n-BUTYL Tin SULFIDE, tech-95
Safety Data Sheet

PCA max net quantity (IATA): 60L
CAO packing instructions (IATA): 663
CAO max net quantity (IATA): 220L
Special provisions (IATA): A3, A4, A6
ERG code (IATA): 6L

- Inland waterway transport
Classification code (ADN): T3
Special provisions (ADN): 43, 274, 802
Limited quantities (ADN): 5 L
Excepted quantities (ADN): E1
Equipment required (ADN): PP, EP, TOX, A
Ventilation (ADN): VE02
Number of blue cones/lights (ADN): 0

- Rail transport
Classification code (RID): T3
Special provisions (RID): 43, 274
Limited quantities (RID): 5 L
Excepted quantities (RID): E1
Packing instructions (RID): P001, IBC03, LP01, R001
Mixed packing provisions (RID): MP19
Portable tank and bulk container instructions (RID): T7
Portable tank and bulk container special provisions (RID): TP2, TP28
Tank codes for RID tanks (RID): L4BH
Special provisions for RID tanks (RID): TU15
Transport category (RID): 2
Special provisions for carriage – Packages (RID): W12
Special provisions for carriage - Loading, unloading and handling (RID): CW13, CW28, CW31
Colis express (express parcels) (RID): CE8
Hazard identification number (RID): 60

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

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 Tin SULFIDE, tech-95 is not on the REACH Candidate List
DI-n-BUTYL Tin SULFIDE, tech-95 is not on the REACH Annex XIV List
DI-n-BUTYL Tin SULFIDE, 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 (KBwS-Beschluss; 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-lijst van kankerverwekkende stoffen: The substance is not listed
DI-n-BUTYL Tin SULFIDE, tech-95
Safety Data Sheet

SZW-lijst 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:
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

Other information: Prepared by safety and environmental affairs.

Full text of H- and EUH-statements:
Acute Tox. 3 (Oral) Acute toxicity (oral), Category 3
Skin Irrit. 2 Skin corrosion/irritation, Category 2
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H301 Toxic if swallowed.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

SDS EU (REACH Annex II) - Custom

The information contained in this document has been gathered from reference materials and/or Gelest, Inc. test data and is to the best knowledge and belief of Gelest, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Gelest, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore. Information on this safety data sheet is not intended to constitute a basis for product specifications.

© 2019 Gelest Inc. Morrisville, PA 19067