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

1.1. Product identifier

Product form: Substance
Physical state: Solid
Substance name: TRIPHENYL Tin HYDRIDE, 95%
Product code: SNT8700
Formula: C₁₈H₁₆Sn
Synonyms: TRIPHENYLSTANNANE
Chemical family: ORGANOTIN

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acute toxicity (oral), Category 3 H301
Acute toxicity (dermal), Category 4 H312
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
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

Signal word (CLP): Danger

Hazard statements (CLP): H301 - Toxic if swallowed.
H312 - Harmful in contact with skin.
TRIPHENYL Tin HYDRIDE, 95%
Safety Data Sheet

Precautionary statements (CLP):
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301+P310 - IF SWALLOWED: Immediately call a doctor.
- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

2.3. Other hazards
No additional information available

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>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-constituent</td>
<td>TRIPHENYL Tin HYDRIDE, 95%</td>
<td>892-20-6</td>
<td>212-967-8</td>
</tr>
</tbody>
</table>

<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>Triphenyl tin hydride</td>
<td>(CAS-No.) 892-20-6 (EC-No.) 212-967-8</td>
<td>90 - 100</td>
<td>Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319</td>
</tr>
<tr>
<td>Other Organotins</td>
<td>Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 - 10</td>
<td>Not classified</td>
<td></td>
</tr>
</tbody>
</table>

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 irritation to the respiratory tract.

Symptoms/effects after skin contact:
- Toxic in contact with skin. Causes skin irritation. Organotins may be absorbed through the skin. Repeated exposure to this material can result in absorption through skin causing significant health hazard.

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.

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

Suitable extinguishing media:

Unsuitable extinguishing media:
- Do not use straight streams.
TRIPHENYL Tin HYDRIDE, 95%
Safety Data Sheet

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 contact with skin and eyes. Do not breathe dust.

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 contact with skin and eyes. Avoid dust formation. Do not breathe dust. Pressure build-up may occur in closed containers. Open containers slowly. Provide local exhaust or general room ventilation to minimize exposure to dust.
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. Store < 5°C.
Storage temperature: Storage stability: at 5°C: approximately 6 months (purity reduced below 95%); at 25°C: approximately 6 weeks (purity reduced below 95%)
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>Other Organotins</th>
<th>ACGIH TWA (mg/m³)</th>
<th>USA OSHA PEL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>0.1 mg/m³ as tin</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.
TRIPHENYL Tin HYDRIDE, 95%
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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 (teal 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>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Waxy solid or hazy liquid.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>351.01 g/mol</td>
</tr>
<tr>
<td>Colour</td>
<td>No data available</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>1.632</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>26 - 28 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>165 °C @ 0.3 mm Hg</td>
</tr>
<tr>
<td>Flash 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>&lt; 0.1 mm Hg @ 25°C</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.374</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

10.2. Chemical stability

Stable in sealed containers under dry inert atmosphere stored <5°C.

10.3. Possibility of hazardous reactions

Direct sunlight causes slow degradation to an inorganic tin salt. The product can generate small amounts of hydrogen when exposed to alkalis and protic materials such as water and alcohol in combination with metal salts such as aluminum chloride or precious metals such as platinum. Slowly liberates hydrogen gas.

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials

TRIPHENYL Tin HYDRIDE, 95%
Safety Data Sheet

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Toxic if swallowed. Harmful in contact with skin.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Route of Exposure</th>
<th>Route of Exposure (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIPHENYL Tin HYDRIDE, 95%</td>
<td>oral</td>
<td>140 mg/kg bodyweight</td>
</tr>
<tr>
<td>TRIPHENYL Tin HYDRIDE (892-20-6)</td>
<td>dermal</td>
<td>2000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

Triphenyl tin hydride (892-20-6)

<table>
<thead>
<tr>
<th>Test</th>
<th>Route of Exposure</th>
<th>Toxic concentration (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>140 mg/kg</td>
<td>491 mg/kg; RTECS Number: WH8882000</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal mouse</td>
<td>350 mg/kg</td>
<td></td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>140 mg/kg bodyweight</td>
<td></td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>2000 mg/kg bodyweight</td>
<td></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: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after inhalation: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact: Toxic in contact with skin. Causes skin irritation. Organotins may be absorbed through the skin. Repeated exposure to this material can result in absorption through skin causing significant health hazard.
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.
Reason for classification: Expert judgment

SECTION 12: Ecological information

12.1. Toxicity
Acute aquatic toxicity: Not classified
Chronic aquatic toxicity: Not classified

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.
Ecology - waste materials: Avoid release to the environment.
## SECTION 14: Transport information

### 14.1. UN number

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

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (ADR)</td>
<td>3146</td>
</tr>
<tr>
<td>UN-No. (IMDG)</td>
<td>3146</td>
</tr>
<tr>
<td>UN-No. (IATA)</td>
<td>3146</td>
</tr>
<tr>
<td>UN-No. (ADN)</td>
<td>3146</td>
</tr>
<tr>
<td>UN-No. (RID)</td>
<td>3146</td>
</tr>
</tbody>
</table>

### 14.2. UN proper shipping name

Proper Shipping Name (ADR): ORGANOTIN COMPOUND, SOLID, N.O.S.
Proper Shipping Name (IMDG): ORGANOTIN COMPOUND, SOLID, N.O.S.
Proper Shipping Name (IATA): Organotin compound, solid, n.o.s.
Proper Shipping Name (ADN): ORGANOTIN COMPOUND, SOLID, N.O.S.
Proper Shipping Name (RID): ORGANOTIN COMPOUND, SOLID, N.O.S.

Transport document description (IMDG): UN 3146 ORGANOTIN COMPOUND, SOLID, N.O.S. (TRIPHENYL Tin HYDRIDE), 6.1, III, MARINE POLLUTANT
Transport document description (IATA): UN 3146 Organotin compound, solid, n.o.s. (TRIPHENYL Tin HYDRIDE), 6.1, III
Transport document description (ADN): UN 3146 ORGANOTIN COMPOUND, SOLID, N.O.S. (TRIPHENYL Tin HYDRIDE), 6.1, III
Transport document description (RID): UN 3146 ORGANOTIN COMPOUND, SOLID, N.O.S. (TRIPHENYL Tin HYDRIDE), 6.1, III

### 14.3. Transport hazard class(es)

#### ADR
Transport hazard class(es) (ADR): 6.1
Danger labels (ADR): 6.1

#### IMDG
Transport hazard class(es) (IMDG): 6.1
Danger labels (IMDG): 6.1

#### IATA
Transport hazard class(es) (IATA): 6.1
Hazard labels (IATA): 6.1

#### ADN
Transport hazard class(es) (ADN): 6.1
Danger labels (ADN): 6.1
TRIPHENYL Tin HYDRIDE, 95%  
Safety Data Sheet

RID
Transport hazard class(es) (RID) : 6.1  
Danger labels (RID) : 6.1

14.4. Packing group
Packing group (ADR) : III  
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) : 5kg  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P002, IBC08, LP02, R001  
Mixed packing provisions (ADR) : MP10  
Portable tank and bulk container instructions (ADR) : T1  
Portable tank and bulk container special provisions (ADR) : TP33  
Tank code (ADR) : SGAH, L4BH  
Tank special provisions (ADR) : TU15, TE19  
Vehicle for tank carriage : AT  
Transport category (ADR) : 2  
Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP7  
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

Tunnel restriction code (ADR) : E  
EAC code : 2X

- Transport by sea
Special provisions (IMDG) : 43, 223, 274  
Limited quantities (IMDG) : 5 kg  
Excepted quantities (IMDG) : E1
TRIPHENYL Tin HYDRIDE, 95%
Safety Data Sheet

### Packing instructions (IMDG)
- P002, LP02

### IBC packing instructions (IMDG)
- IBC08

### IBC special provisions (IMDG)
- B3

### Tank instructions (IMDG)
- T1

### Tank special provisions (IMDG)
- TP33

### 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 solids. Toxic if swallowed, by skin contact or by inhalation.

### Air transport
- PCA Excepted quantities (IATA): E1
- PCA Limited quantities (IATA): Y645
- PCA limited quantity max net quantity (IATA): 10kg
- PCA packing instructions (IATA): 670
- PCA max net quantity (IATA): 100kg
- CAO packing instructions (IATA): 677
- CAO max net quantity (IATA): 200kg
- 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 kg
- Excepted quantities (ADN): E1
- Equipment required (ADN): PP, EP
- Number of blue cones/lights (ADN): 0

### Rail transport
- Classification code (RID): T3
- Special provisions (RID): 43, 274
- Limited quantities (RID): 5kg
- Excepted quantities (RID): E1
- Packing instructions (RID): P002, IBC08, LP02, R001
- Special packing provisions (RID): B3
- Mixed packing provisions (RID): MP10
- Portable tank and bulk container instructions (RID): T1
- Portable tank and bulk container special provisions (RID): TP33
- Tank codes for RID tanks (RID): SGAH, L4BH
- Special provisions for RID tanks (RID): TU15
- Transport category (RID): 2
- Special provisions for carriage – Bulk (RID): VC1, VC2, AP7
- Special provisions for carriage - Loading, unloading and handling (RID): CW13, CW28, CW31
- Colis express (express parcels) (RID): CE11
- 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
TRIPHENYL Tin HYDRIDE, 95% is not on the REACH Candidate List
TRIPHENYL Tin HYDRIDE, 95% is not on the REACH Annex XIV List
TRIPHENYL Tin HYDRIDE, 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.


15.1.2. National regulations

Germany
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-liist van kankerverwekkende stoffen: The substance is not listed
SZW-liist van mutagene stoffen: The substance is not listed
NIET-limitatieve liist van voor de voortplanting giftige stoffen – Borstvoeding: The substance is not listed
NIET-limitatieve liist van voor de voortplanting giftige stoffen – Vruchtbaarheid: The substance is not listed
NIET-limitatieve liist 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
Pregnant/breastfeeding women working with the product must not be in direct contact with 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:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Oral)</th>
<th>Acute toxicity (oral), Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Dermal)</td>
<td>Acute toxicity (dermal), Category 4</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/Irritation, Category 2</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

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.

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