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

1.1. Product identifier

Product form : Substance
Physical state : Liquid
Substance name : BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95%
Product code : SIB1824.5
Formula : C18H43NO6Si2
Synonyms : 3,13-DIOXA-8-AZA-4,12-DISILAPENTADECANE, 4,4,12,12-TETRAETHOXY-; 1-PROPANAMINE, 3-TRIETHOXYSILYL-N-(3-TRIETHOXYSILYL)PROPYL
Chemical family : ORGANOETHOXYSILANE

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@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]
Skin corrosion/irritation, Category 1, Sub-CATEGORY 1C : H314
Serious eye damage/eye irritation, Category 1 : H318
Specific target organ toxicity — Single exposure, Category 3 : H335
Respiratory tract irritation

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) : GHS05 GHS07
Signal word (CLP) : Danger
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.
Precautionary statements (CLP)  

H335 - May cause respiratory irritation.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P264 - Wash hands thoroughly after handling.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor.  

2.3. Other hazards  

Other hazards not contributing to the classification  
The hydrolysis product of this compound is ethanol. Overexposure to ethanol by skin absorption, inhalation or ingestion may have a narcotic effect (headache, nausea, drowsiness). Ethanol is metabolized to acetaldehyde and acetic acid which in large quantities result in metabolic acidosis, CNS depression and death due to respiratory arrest. This product contains ethanol which is classified as a carcinogen by IARC in alcoholic beverages.

SECTION 3: Composition/information on ingredients  

3.1. Substances  

<table>
<thead>
<tr>
<th>Name</th>
<th>Substance type</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bis(3-trieethoxysilylpropyl)amine</td>
<td>Multi-constituent</td>
<td>13497-18-2</td>
<td>236-818-1</td>
<td>(CAS-No.) 13497-18-2 (EC-No.) 236-818-1</td>
<td>&gt; 90</td>
<td>Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT SE 3, H335</td>
</tr>
<tr>
<td>3-Aminopropyltriethoxysilane</td>
<td>191-30-2</td>
<td></td>
<td></td>
<td>(CAS-No.) 191-30-2 (EC-No.) 213-046-4 (EC Index-No.) 612-108-00-0</td>
<td>&lt; 5</td>
<td>Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335</td>
</tr>
<tr>
<td>Ethanol</td>
<td></td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5</td>
<td></td>
<td>Flam. Liq. 2, H225</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/....

First-aid measures after eye contact  
Immediately flush eyes thoroughly with water for at least 15 minutes. 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  
Causes severe skin burns and eye damage.

Symptoms/effects after inhalation  

Symptoms/effects after skin contact  
Causes (severe) skin burns.

Symptoms/effects after eye contact  
Causes serious eye damage.

Symptoms/effects after ingestion  
May be harmful if swallowed.

Chronic symptoms  
On contact with water this compound liberates ethanol which is known to have a chronic effect on the central nervous system.

4.3. Indication of any immediate medical attention and special treatment needed  

No additional information available
SECTION 5: Firefighting measures

5.1. Extinguishing media

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.
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
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper 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. Provide good ventilation in process area to prevent formation of vapour.
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.
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>3-Aminopropyltriethoxysilane (919-30-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finland</td>
</tr>
<tr>
<td>Finland</td>
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<tr>
<td>Finland</td>
</tr>
<tr>
<td>Finland</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ethanol (64-17-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
</tr>
<tr>
<td>Austria</td>
</tr>
<tr>
<td>Austria</td>
</tr>
<tr>
<td>Austria</td>
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<tr>
<td>Belgium</td>
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<td>Belgium</td>
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<tr>
<td>Bulgaria</td>
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<tr>
<td>France</td>
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<td>France</td>
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<td>France</td>
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<tr>
<td>Country</td>
</tr>
<tr>
<td>--------------------------</td>
</tr>
<tr>
<td>Germany</td>
</tr>
<tr>
<td>Greece</td>
</tr>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
</tr>
<tr>
<td>Latvia</td>
</tr>
<tr>
<td>USA IDLH</td>
</tr>
<tr>
<td>USA NIOSH</td>
</tr>
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<td>USA NIOSH</td>
</tr>
<tr>
<td>USA OSHA</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Slovakia</td>
</tr>
</tbody>
</table>
### Ethanol (64-17-5)

<table>
<thead>
<tr>
<th>Country</th>
<th>Exposure Level (NVG) (mg/m³)</th>
<th>Exposure Level (NVG) (ppm)</th>
<th>Exposure Level (KTV) (mg/m³)</th>
<th>Exposure Level (KTV) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweden</td>
<td>1000 mg/m³</td>
<td>500 ppm</td>
<td>1900 mg/m³</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Canada (Quebec)</td>
<td>1880 mg/m³</td>
<td>1000 ppm</td>
<td>1880 mg/m³</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Australia</td>
<td>1880 mg/m³</td>
<td>1000 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL TWA (ppm)</td>
<td></td>
<td></td>
<td></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:**
NIOSH-certified combination organic vapor - amine gas (brown 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>425.71 g/mol</td>
</tr>
<tr>
<td>Colour</td>
<td>Straw</td>
</tr>
<tr>
<td>Odour</td>
<td>Amine. Ammonia-like.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.4265</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>160 °C @ 0.6 mm Hg</td>
</tr>
<tr>
<td>Flash point</td>
<td>162 °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 @ 100°C</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.97</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>&lt; 40 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Reacts with water.</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Pow)</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Kow)</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>5.5 cSt</td>
</tr>
</tbody>
</table>
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95%
Safety Data Sheet

Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

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 when stored in sealed containers.

10.3. Possibility of hazardous reactions
Reacts with water and moisture in air, liberating ethanol.

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

10.5. Incompatible materials

10.6. Hazardous decomposition products
Ethanol. Organic acid vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
</table>

**BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95% (13497-18-2)**

LD50 oral rat : 1780 mg/kg

**3-Aminopropyltriethoxysilane (919-30-2)**

LD50 oral rat : 1780 mg/kg

ATE CLP (oral) : 1780 mg/kg bodyweight

**Ethanol (64-17-5)**

<table>
<thead>
<tr>
<th>LD50 oral rat</th>
<th>7060 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Inhalation - Rat</td>
<td>124.7 mg/l/4h</td>
</tr>
<tr>
<td>LC50 Inhalation - Rat [ppm]</td>
<td>20000 ppm 10 hrs.</td>
</tr>
<tr>
<td>LDLo oral rat</td>
<td>1400 mg/kg (Human)</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>7060 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (vapours)</td>
<td>124.7 mg/l/4h</td>
</tr>
<tr>
<td>ATE CLP (dust,mist)</td>
<td>124.7 mg/l/4h</td>
</tr>
</tbody>
</table>

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

**Ethanol (64-17-5)**

IARC group : 1 - Carcinogenic to humans

<table>
<thead>
<tr>
<th>Reproductive toxicity</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT-single exposure</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Symptoms/effects after skin contact</td>
<td>Causes (severe) skin burns.</td>
</tr>
<tr>
<td>Symptoms/effects after eye contact</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Symptoms/effects after ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>Chronic symptoms</td>
<td>On contact with water this compound liberates ethanol which is known to have a chronic effect on the central nervous system.</td>
</tr>
<tr>
<td>Reason for classification</td>
<td>Expert judgment</td>
</tr>
</tbody>
</table>
### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Hazardous to the aquatic environment, short-term (acute)</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous to the aquatic environment, long-term (chronic)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**Ethanol (64-17-5)**

<table>
<thead>
<tr>
<th>LC50 fish 1</th>
<th>&gt; 10000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [rainbow trout])</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 2</td>
<td>&gt; 13400 mg/l (Exposure time: 96 h - Species: Pimephales promelas [fathead minnow])</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

**Ethanol (64-17-5)**

| Partition coefficient n-octanol/water (Log Pow) | -0.32 |

#### 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

Product/Packaging disposal recommendations: May be incinerated. Dispose of contents/container to licensed waste disposal facility. Dispose in a safe manner in accordance with local/national regulations. 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>UN-No. (ADR)</th>
<th>2735</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (IMDG)</td>
<td>2735</td>
</tr>
<tr>
<td>UN-No. (IATA)</td>
<td>2735</td>
</tr>
<tr>
<td>UN-No. (ADN)</td>
<td>2735</td>
</tr>
<tr>
<td>UN-No. (RID)</td>
<td>2735</td>
</tr>
</tbody>
</table>

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IMDG) : AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IATA) : Amines, liquid, corrosive, n.o.s.
Proper Shipping Name (ADN) : AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (RID) : AMINES, LIQUID, CORROSIVE, N.O.S.

Transport document description (ADR) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. [BIS(3-TRIETHOXYSILYLPROPYL)AMINE], 8, III, (E)

Transport document description (IMDG) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. [BIS(3-TRIETHOXYSILYLPROPYL)AMINE], 8, III

Transport document description (IATA) : UN 2735 Amines, liquid, corrosive, n.o.s. [BIS(3-TRIETHOXYSILYLPROPYL)AMINE], 8, III

Transport document description (ADN) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. [BIS(3-TRIETHOXYSILYLPROPYL)AMINE], 8, III

Transport document description (RID) : UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. [BIS(3-TRIETHOXYSILYLPROPYL)AMINE], 8, III

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

**ADR**

<table>
<thead>
<tr>
<th>Transport hazard class(es) (ADR)</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger labels (ADR)</td>
<td>8</td>
</tr>
</tbody>
</table>
BIS(3-TRIETHOXYSYLILPROPYL)AMINE, 95%
Safety Data Sheet

### IMDG
- Transport hazard class(es) (IMDG): 8
- Danger labels (IMDG): 8

### IATA
- Transport hazard class(es) (IATA): 8
- Danger labels (IATA): 8

### ADN
- Transport hazard class(es) (ADN): 8
- Danger labels (ADN): 8

### RID
- Transport hazard class(es) (RID): 8
- Danger labels (RID): 8

### 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: No
- Other information: No supplementary information available

### 14.6. Special precautions for user
- **Overland transport**
  - Classification code (ADR): C7
  - Special provisions (ADR): 274
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95%
Safety Data Sheet

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) : T7
Portable tank and bulk container special provisions (ADR) : TP1, TP28
Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Hazard identification number (Kemler No.) : 80
Orange plates :

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

- Transport by sea
Special provisions (IMDG) : 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) : TP1, TP28
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Segregation (IMDG) : SG35
Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

- Air transport
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

- Inland waterway transport
Classification code (ADN) : C7
Special provisions (ADN) : 274
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

- Rail transport
Classification code (RID) : C7
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Special provisions (RID) : 274
Limited quantities (RID) : 5L
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) : TP1, TP28
Tank codes for RID tanks (RID) : L4BN
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 80

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
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95% is not on the REACH Candidate List
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95% is not on the REACH Annex XIV List
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 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.
BIS(3-TRIETHOXYSILYLPROPYL)AMINE, 95% is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

% Volatiles : < 40 %

15.1.2. National regulations

Germany
Regulatory reference : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV)
Hazardous Incident Ordinance (12. BlmSchV) : Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijst van kankerverwekkende stoffen : The substance is not listed
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:
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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. 4 (Oral) Acute toxicity (oral), Category 4
Eye Dam. 1 Serious eye damage/eye irritation, Category 1
Flam. Liq. 2 Flammable liquids, Category 2
Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

SDS EU (REACH Annex II) - Custom

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