SECTION 1: Identification

1.1. Identification

Product name: DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene
Product code: SND2901
Product form: Mixture
Physical state: Liquid
Formula: C24H48O4Sn
Synonyms: DIBUTYLTINDIOCTOATE
DIBUTYLTIN DI-2-ETHYLHEXANOATE
STANNANE, DIBUTYLBIS[(2-ETHYL-1-OXOHEXYL)OXY]-HEXANOIC ACID, 2-ETHYL-, 1,1'-(DIBUTYLSTANNYLENE) ESTER

Chemical family: ORGANOTIN

1.2. Recommended use and restrictions on use

Recommended use: Chemical intermediate

1.3. Supplier

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

1.4. Emergency telephone number

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

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification
Flammable liquids Category 3
Acute toxicity (oral) Category 3
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Specific target organ toxicity (single exposure) Category 3
Specific target organ toxicity (repeated exposure) Category 2
Hazardous to the aquatic environment - Acute Hazard Category 1

H26 - Flammable liquid and vapor
H301 - Toxic if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling
Hazard pictograms (GHS US):

Signal word (GHS US): Danger
Hazard statements (GHS US):
H26 - Flammable liquid and vapor
H301 - Toxic if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life

Precautionary statements (GHS US):
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P210 - Keep away from heat, open flames, sparks. - No smoking.
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical equipment
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe vapors.
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.
2.3. Hazards not otherwise classified (HNOC)

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-butyl bis(2-ethylhexanoate) tin</td>
<td>(CAS-No.) 2781-10-4</td>
<td>45 - 50</td>
<td>Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Xylene</td>
<td>(CAS-No.) 1330-20-7</td>
<td>45 - 50</td>
<td>Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute 1, H400</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

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. Get medical advice/attention if you feel unwell.

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. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects: May cause damage to organs through prolonged or repeated exposure.

Symptoms/effects after inhalation: May cause respiratory irritation. May be harmful if inhaled.

Symptoms/effects after skin contact: Causes skin irritation. May be 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. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media


Unsuitable extinguishing media: Do not use straight streams.
## 5.2. Specific hazards arising from the chemical

- **Fire hazard**: Flammable liquid and vapor. Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.
- **Explosion hazard**: May form flammable/explosive vapor-air mixture.

## 5.3. Special protective equipment and precautions for fire-fighters

- **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 vapor and mist.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- **General measures**: Eliminate every possible source of ignition. Use special care to avoid static electric charges.

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

    **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. Collect spillage. Use only non-sparking tools.

#### 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

- **Additional hazards when processed**: Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- **Precautions for safe handling**: Avoid all eye and skin contact and do not breathe vapor and mist. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Use only non-sparking tools.
- **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

- **Technical measures**: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical equipment.
- **Storage conditions**: Keep container tightly closed. Keep in a cool place. Store locked up.
- **Incompatible materials**: Bases. Reducing agents.
- **Storage area**: Store in a well-ventilated place. Store away from heat.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH (mg/m³)</th>
<th>OSHA (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Di-n-butylbis(2-ethylhexanoate)tin</strong> (2781-10-4)</td>
<td>0.1 mg/m³ as tin</td>
<td>0.1 mg/m³ as tin</td>
</tr>
<tr>
<td><strong>Xylene</strong> (1330-20-7)</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>ACGIH (ppm)</td>
<td>ACGIH STEL (ppm)</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
</tr>
<tr>
<td>ACGIH</td>
<td>150 ppm</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>0.1 mg/m³ as tin</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>
8.2. **Appropriate engineering controls**

Appropriate engineering controls: Handle in an enclosing hood with exhaust ventilation.

8.3. **Individual protection measures/Personal protective equipment**

**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 organic vapor (black cartridge) respirator.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>519.34 g/mol</td>
</tr>
<tr>
<td>Color</td>
<td>Straw</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=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>&lt; 54 - 60 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>138 °C initial (xylene)</td>
</tr>
<tr>
<td>Flash point</td>
<td>30 °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>Flammable liquid and vapor</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>7 mm Hg @ 21°C (xylene)</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.97</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>&gt; 50 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water. Reacts slowly with 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>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion 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
Reacts with moisture in air and water, slowly releasing butanol and dibutyltin oxide. Direct sunlight causes degradation to an inorganic tin salt.

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

10.5. Incompatible materials
Bases. Reducing agents.

10.6. Hazardous decomposition products
Organic acid vapors. Tin oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene (2781-10-4)</td>
<td></td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>241.379 mg/kg body weight</td>
</tr>
<tr>
<td>Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>125 mg/kg 136 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>125 mg/kg body weight</td>
</tr>
<tr>
<td>Xylene (1330-20-7)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>3500 mg/kg; 4300 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>1700 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>29.08 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>3500 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>1700 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>29.08 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>29.08 mg/l/4h</td>
</tr>
<tr>
<td>Additional information</td>
<td>LC50 Inhalation man: 10,000ppm/6H</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Eye Irritation - rabbit: 5 mg/24H: severe (xylene)</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Xylene (1330-20-7)

| IARC group | 3 - Not classifiable |
| Reproductive toxicity | Not classified |
| Xylene has been found to have experimental reproductive effects. |
| Specific target organ toxicity – single exposure | May cause respiratory irritation. |
| Specific target organ toxicity – repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Not classified |
| Symptoms/effects after inhalation | May cause respiratory irritation. May be harmful if inhaled. |
| Symptoms/effects after skin contact | Causes skin irritation. May be 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. |
| Reason for classification | Expert judgment |

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general | Very toxic to aquatic life. |

Xylene (1330-20-7)

| LC50 fish 1 | 13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene

Safety Data Sheet

Xylene (1330-20-7)

EC50 Daphnia 1: 3.82 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2: 2.061 - 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 2: 0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

Xylene (1330-20-7)

BCF fish 1: 0.6 - 15
Log Pow: 2.77 - 3.15

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on the ozone layer: No additional information available

SECTION 13: Disposal considerations

13.1. Disposal 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.
Additional information: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number
UN-No.(DOT): 1992
DOT NA no.: UN1992

14.2. UN proper shipping name
Transport document description: UN1992 Flammable liquids, toxic, n.o.s. (DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene), 3 (6.1), III
Proper Shipping Name (DOT): Flammable liquids, toxic, n.o.s. (DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene)
Class (DOT): 3 - Class 3: Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT): III - Minor Danger
Hazard labels (DOT): 3 - Flammable liquid 6.1 - Poison

Dangerous for the environment: Yes
Marine pollutant: Yes

DOT Packaging Non Bulk (49 CFR 173.xxx): 203
DOT Packaging Bulk (49 CFR 173.xxx): 242
DOT Packaging Exceptions (49 CFR 173.xxx): 150
DOT Symbols: G - Identifies PSN requiring a technical name

14.3. Additional information
Emergency Response Guide (ERG) Number: 131
Other information: No supplementary information available.
DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene

Safety Data Sheet

Transport by sea
DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Air transport
DOT Quantity Limitations Passenger aircraft/rail: 60 L (49 CFR 173.27)
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

SECTION 15: Regulatory information

15.1. US Federal regulations

Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Xylene (1330-20-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
SARA Section 313 - Emission Reporting: 1 %

15.2. International regulations

CANADA
Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)
Listed on the Canadian DSL (Domestic Substances List)

Xylene (1330-20-7)
Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification
Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

EU-Regulations

Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Xylene (1330-20-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on the Canadian IDL (Ingredient Disclosure List)

Xylene (1330-20-7)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Poisonous and Deleterious Substances Control Law
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

15.3. US State regulations
California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Di-n-butylbis(2-ethylhexanoate)tin (2781-10-4)
U.S. - Massachusetts - Right To Know List
DI-n-BUTYLBIS(2-ETHYLHEXANOATE)TIN, 50% in xylene

Safety Data Sheet

Xylene (1330-20-7)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H226</th>
<th>Flammable liquid and vapor</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
</tbody>
</table>

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.

Hazard Rating

Health:
3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given.

Flammability:
3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)

Physical:
1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Prepared by safety and environmental affairs.

Date of issue: 10/06/2016 Version: 1.0

SDS US (GHS HazCom 2012) - Custom

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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