1. Identification

Product Code : 92291
Company Name : Advent Chembio Private Limited
Address : W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701.
E-mail : info@adventchembio.com
WEBSITE : www.adventchembio.com
Company Phone Number : 022-27690837

2. Hazards Identification

Hazard classification
Flammable solids : Category 2
Skin corrosion : Category IB

Labels elements
Hazard symbol :

Signal word : Danger
Hazard statement :
Causes severe skin burns and eye damage.

Precautionary statement :
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.

Supplemental Hazard Statements : None

3. Composition/information on ingredients

Ingredient : Tert-Butyldimethylsilyl chloride
CAS No. : 18162-48-6
Product Name: tert-Butyldimethylsilyl chloride

Percent: NLT 98.0%
Formula: C6H15ClSi
Molecular Weight: 150.72 g/mol

4. First Aid Measures

Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available

5. Fire fighting measures

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Carbon oxides, Hydrogen chloride gas, silicon oxides

Advice for firefighters: Wear self contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing dust.
7. Handling and storage

Precautions for safe handling : Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition. No smoking. Take measures to prevent the build up of electrostatic charge.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hydrolyses readily. Moisture sensitive. Flammable solid hazardous materials.

8. Exposure Controls / Personal Protection

Exposure limit : No data available
Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment
Respiratory protection : Air-purifying respirators
Hand protection : Handle with gloves
Eye protection : Safety glasses
Skin and Body Protection : Lab coat.

9. Physical and Chemical Properties

Appearance : White crystal-powder.
Odor : No data available
pH : No data available
Melting point/freezing point : 86 - 89 °C - lit.
Initial boiling point and boiling range : 125 °C - lit.
Flash Point : 22 °C - closed cup
Vapor pressure : No data available
Vapor density : No data available
Relative density : 0.870 g/cm³
Solubility in water : No data available
Solubility (other) : No data available

10. Stability and Reactivity
Product Name: tert-Butyldimethylsilyl chloride

CAS No.: 18162-48-6

Version: 0

Reactivity: No data available
Chemical stability: May decompose on exposure to moist air or water. Stable under recommended storage conditions.
Possibility of hazardous reactions: No data available
Conditions to avoid: Heat, flames and sparks.
Incompatible materials: Bases, Metals, Oxidizing agents, Alcohols
Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas, silicon oxides

11. Toxicological Information

Information on toxicological effects

Acute toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity
IARC: No data available
NTP: No data available
OSHA: No data available
Reproductive toxicity: No data available
Route of Exposure: No data available
Signs and Symptoms of Exposure: No data available

12. Ecological Information

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available.
13. Disposal consideration

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Dispose of as unused product.

14. Transport Information

<table>
<thead>
<tr>
<th></th>
<th>UN No.</th>
<th>UN proper shipping name</th>
<th>Hazard Class(es)</th>
<th>Packaging group</th>
<th>Marine Pollutant</th>
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<tbody>
<tr>
<td>DOT</td>
<td>2925</td>
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<td>4.1 (8)</td>
<td>II</td>
<td>No</td>
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<td>IMDG</td>
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<td>4.1 (8)</td>
<td>II</td>
<td>No</td>
</tr>
</tbody>
</table>

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information

Issue Date :01/12/2015

Version : 0

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Product Name: tert-Butyldimethylsilyl chloride  
CAS No.: 18162-48-6  
Version: 0

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