Tianeptine Sodium is very hygroscopic. Take special care to avoid exposure to humidity. A moisture proof bag is provided.

Store at or below room temperature in a tightly sealed, airtight, durable container, protected from excess heat and direct sunlight. Tianeptine Sodium has a stable shelf life of 3 years from the date of manufacture when properly stored.

Material Lot# 17051002  
Country of Origin: China

Analysis

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Claim</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay</td>
<td>≥98%</td>
<td>100.31%</td>
</tr>
<tr>
<td>Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identification</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Impurity Test

<table>
<thead>
<tr>
<th>Impurity</th>
<th>Claim</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impurity A</td>
<td>≤0.1%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Avanil</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Dichloranethane</td>
<td>≤0.06%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Methanil</td>
<td>≤0.3%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Avapine</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Aspartate</td>
<td>≤0.04%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Gluteral</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>N, N dinethylformamide</td>
<td>≤0.008%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Water</td>
<td>≤0.5%</td>
<td>1.98%</td>
</tr>
<tr>
<td>Any single impurity</td>
<td>≤0.1%</td>
<td>0.01%</td>
</tr>
<tr>
<td>Total impurities</td>
<td>≤0.48%</td>
<td>0.06%</td>
</tr>
</tbody>
</table>

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Tianeptine Sodium

Emergency Contact:
ChemWatch
Within the US & Canada: 800-715-9305
Outside the US & Canada: 2436 2255 (1-CHEMCALL) or call +613 9573 3112

2. COMPOSITION/INFORMATION ON INGREDIENTS

Tianeptine Sodium is a white to yellowish powder, very hygroscopic, that can absorb several molecules of water in the form of hydrates or solvates. Tianeptine Sodium is a monohydrate, a stable hydrate of 3 years from the date of manufacture when properly stored.

3. HAZARDS IDENTIFICATION

Emergency Overview

- Skin: May cause skin irritation.
- Eye: May cause eye irritation.

Potential Health Effects

- Ingestion: May cause gastrointestinal irritation.
- Inhalation: May cause respiratory tract irritation.
- Skin: May cause skin irritation.
- Eye: May cause eye irritation.

4. FIRST AID MEASURES

- Ingestion: Rinse mouth with water.
- Inhalation: Move person to fresh air.
- Skin: Wash with soap and water.
- Eye: Flush with water.

5. PREVENTIVE MEASURES

- Exposures: Use personal protective equipment (PPE) when handling. Wear gloves, safety glasses, and a respirator when necessary.

6. STABILITY AND REACTIVITY

- Stability: Stable under normal conditions.
- Reactivity: Stable with inorganic reagents.

7. DISPOSAL CONSIDERATIONS

- Disposal: Dispose of in accordance with local regulations.

8. TRANSPORT SAFETY DATA

- Risk Phrases: R11-R36/37/38 - Risk of fire, explosive hazard, causes severe eye irritation
- Safety Phrases: S15-26-27-37-R21-22-45-46 - Wear designated protective equipment, keep away from heat, sparks, flames, and all other sources of ignition, do not inhale, do not eat, do not drink, do not bring near fire or heat, wash exposed skin with soap and water

9. REGULATORY INFORMATIONS

- Established Name: Tianeptine Sodium
- CAS Number: 30123-17-2
5. FIRE-FIGHTING MEASURES

- Flammable properties: no data available
- Ignition temperature: no data available
- Suitability extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide
- Special protective equipment for fire-fighters: water self-contained breathing apparatus for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions: Avoid dust formation.
- Environmental precautions: Do not let product enter drains.
- Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- Storage: Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- Contains no substances with occupational exposure limit values.
- Personal protective equipment: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 or type P-II (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>powder</td>
</tr>
<tr>
<td>Odour</td>
<td>no data available</td>
</tr>
<tr>
<td>pH</td>
<td>no data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>no data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>no data available</td>
</tr>
<tr>
<td>Ignition temperature</td>
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</tr>
<tr>
<td>Lower explosion limit</td>
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</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>no data available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

- Storage stability: Stable under recommended storage conditions.
- Materials to avoid: Strong acids, Strong bases.
- Hazardous decomposition products: Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas, Sodium oxides.

11. TOXICOLOGICAL INFORMATION

- Acute toxicity: no data available
- Irritation and corrosion: no data available
- Sensitisation: no data available

12. ECOLOGICAL INFORMATION

- Ecotoxicity: no data available

13. DISPOSAL CONSIDERATIONS

- Observes all federal, state, and local environmental regulations.
- Contaminated packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

- DOT (US): Not dangerous goods.
- IMDG: Not dangerous goods.
- IATA: Not dangerous goods.

15. REGULATORY INFORMATION

- OSHA Hazards: No known OSHA hazards
- DSL Status: This product contains the following components that are not on the Canadian DSL or NDSL lists.
- CAS-NO:
  - 7-(1-Chloro-4,11-dihydro-4-methyl-dibenzo[c,f][1,2]thiazepine-11-yl)amino[1]heptanoic acid S,S dioxide sodium salt
  - 30123-17-2
- SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels established by SARA Title III, Section 313.
- SARA 311/312 Hazards: No SARA hazards.
- Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.
- New Jersey Right To Know Components: no data available
- California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

- The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.