**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Hazardous Name:** DL-Hexanoylcarnitine chloride

**Classification:**
- Not classified as dangerous for transport

**CAS-No. EC-No.:** 6920-35-7

**Molecular Formula:** C13H26ClNO4

**Inventor:** www.lookchem.com

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Form</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>CN</th>
<th>Reg-No.</th>
<th>Supplier Ref.</th>
<th>Purity</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL-Hexanoylcarnitine chloride</td>
<td>solid</td>
<td>6920-35-7</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Appearance:** White solid

**Boiling point:** 314°C

**Flash point:** 10°C

**Melting point:** 60°C

**pH:** 7

**Form:** Solid

**Manufacturer:** DL-Hexanoylcarnitine chloride

**3. FIRST AID MEASURES**

**Ingestion:**
- If ingested, rinse out with water and get medical advice immediately.
- Do not induce vomiting.
- If swallowed, seek medical attention immediately.

**Inhalation:**
- If inhaled, move patient to fresh air and get medical attention immediately.
- In case of heavy smoke, call your local emergency services.

**Skin Contact:**
- Wash skin with soap and plenty of water. Consult a physician.
- If skin irritation occurs, seek medical attention immediately.

**Eye Contact:**
- Rinse eyes with plenty of water for at least 15 minutes and consult a physician.
- If irritation occurs, seek medical attention immediately.

**4. FIRST AID MEASURES**

**P280**

**R22**

**H317**

**5. FIRE-FIGHTING MEASURES**

**Materials to avoid:** Oxidizing agents, reducing agents, metals like zinc, aluminum, and magnesium dust.

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

**Special hazards:** May react violently with water, forming flammable hydrogen chloride gas.

**6. ACCIDENTAL RELEASE MEASURES**

**Spill containment:** Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Personal protective equipment:** Wear protective gloves, face shield and safety glasses.

**7. HANDLING AND STORAGE**

**Stable under recommended storage conditions:** Stable.

**Recommended storage temperature:** -20 °C

**Recommended storage conditions:** Normal measures for preventive fire protection. Keep away from heat, sparks, and direct sunlight.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protective equipment:** Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

**Respiratory equipment:** May be harmful if inhaled. Wear a half mask respirator with a P2/P3 filter.

**Eye protection:** Wear protective glasses.

**Skin protection:** Wear suitable protective clothing and gloves.

**Face protection:** Wear face shield and safety glasses.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White solid

**Boiling point:** 314°C

**Flash point:** 10°C

**Melting point:** 60°C

**pH:** 7

**Form:** Solid

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under recommended storage conditions.

**Conditions for safe storage:** Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation.

**Precautions for safe handling:** Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions to avoid:** Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Incompatible materials:** Oxidizing agents, reducing agents, metals like zinc, aluminum, and magnesium dust.

**Hazardous decomposition products:** Hydrogen chloride gas.

**11. TOXICOLOGICAL INFORMATION**

**Potential health effects:**
- May cause eye irritation.
- May cause skin irritation.
- May cause sensitization by skin contact.
- Harmful if swallowed.

**Harmful:**
- Ingestion
- Inhalation
- Skin Contact
- Eyes

**Carcinogenicity:**
- Oxidizing agents
- Reducing agents
- Metals like zinc, aluminum, and magnesium dust.

**Germ cell mutagenicity:**
- None

**Inhalation carcinogen:**
- None

**Skin sensitization:**
- Category 1

**Serious eye damage:**
- None

**Gastrointestinal irritation:**
- None

**12. ECOLOGICAL INFORMATION**

**PBT and vPvB assessment:**
- no data available

**Mobility in soil:**
- no data available

**Bioaccumulation in biological media:**
- no data available

**13. DISPOSAL**

**Means of Disposal:**
- Dispose of as unused product.
- For contaminated packaging, store in a closed container in the original packaging.
- Contaminated packaging must be disposed of in a chemical incinerator equipped with an afterburner and scrubber.

**14. TRANSPORT INFORMATION**

**Transport class:** Non-classified as dangerous for transport

**Packaging label:** Non-dangerous goods

**IATA:** Non-dangerous goods

**ADR/RID:** Non-dangerous goods

**15. ENVIRONMENTAL INFORMATION**

**Risk to the environment:**
- Non-dangerous goods

**Risk of long-term effects:**
- Non-dangerous goods

**Risk of short-term effects:**
- Non-dangerous goods

**PBT and vPvB assessment:**
- no data available

**Mobility in soil:**
- no data available

**Bioaccumulation in biological media:**
- no data available

**16. REGULATORY INFORMATION**

**Legal requirements:**
- This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**17. ADDITIONAL INFORMATION**

**WARRANTY:**
- For Research and Development use only. Not for drug, household or other uses.

**Disclaimer:**
- The above information is believed to be correct but does not purport to be all inclusive and shall be used with knowledge and is applicable to the product with regard to appropriate safety precautions. It does not relieve the user/purchaser from further regulations and requirements that may be applicable.

**Knowledge and understanding:**
- The manufacturer’s and/or supplier’s knowledge and understanding in the field of safety and hazard regarding our product in the end-use application, as well as potential hazards caused by the product when used in such applications.

**Hazardous Substances:**
- Not classified as dangerous for transport

**Notified body:**
- None

**Classification:**
- Not classified as dangerous for transport

**Consequences:**
- Not classified as dangerous for transport

**18. COMPANY/UNDERTAKING**

**Company:** DL-Hexanoylcarnitine chloride

**Manufacturer:** DL-Hexanoylcarnitine chloride

**Responsible Party:**
- DL-Hexanoylcarnitine chloride

**Notification date:**
- 01/01/2023

**Notification number:**
- 1234567890

**Additional information:**
- Additional information on the product is available upon request.