COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED
U21009KA2023PTC179006
Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.
Email: info@scimplify.com
Website:www.scimplify.com

SAFETY DATA SHEET
Cartap Hydrochloride Technical

1. Chemical Product and Company Information

- **Product Name:** Cartap Hydrochloride Technical
- **Common Name:** Cartap Hydrochloride
- **CAS Number:** 15263-52-2
- **Chemical Formula:** $C_7H_{16}ClN_3O_2S_2$
- **Molecular Weight:** 273.8
- **Chemical Family:** 2-dimethylaminopropane-1,3-dithiol
- **Use:** Insecticide
- **Supplier/Manufacturer :** Cocreate Global Technologies Private Limited

2. Composition / Information on Ingredients

Chemical Name	CAS No.	Content % (w/w)
Cartap Hydrochloride	15263-52-2	92.00%
Other Ingredients	-	8.00%

3. Hazards Identification

- **Health Hazards:**
  - Moderately toxic upon acute exposure.
  - Symptoms: Nausea, vomiting, dizziness, blurred vision, abdominal pain, respiratory depression in severe cases.
- **Emergency Warning:**
  - Toxic if swallowed or inhaled.
  - Avoid skin and eye contact.
  - Entry Routes: Inhalation, ingestion, skin/eye contact.

4. First Aid Measures

- **Ingestion:** Do not induce vomiting; rinse mouth and seek medical help.
- **Eye Contact:** Flush with water immediately and seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water; remove contaminated clothing.
- **Inhalation:** Move victim to fresh air and seek medical advice if symptoms persist.

5. Fire Fighting Measures

- **Extinguishing Media:** CO_2, foam, dry chemical, fine water sprays.
- **Hazardous Combustion Products:** Toxic fumes of carbon, nitrogen, and sulfur oxides.
- **Protective Equipment:** Firefighters should use self-contained breathing apparatus.

6. Accidental Release Measures

- **Safety Precautions:**
  - Wear protective clothing (gloves, goggles, long-sleeved clothing).
  - Prevent spillage from entering drains.
- **Cleanup:**
  - Absorb spill with sand or clay.
  - Dispose of waste according to local regulations.

7. Handling and Storage

- **Handling:**
  - Keep containers tightly closed.
  - Wear protective gear.
- **Storage:**
  - Store away from food, fertilizers, and other chemicals.
  - Keep in a cool, well-ventilated place.

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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Adequate ventilation recommended.
- **Protective Equipment:**
  - Safety goggles, gloves, protective clothing.
  - NIOSH/MSHA-approved respirator if necessary.

9. Physical and Chemical Properties

- **Appearance:** White solid
- **Odor:** Slight odor
- **Melting Point:** 179–181°C (Decomposes)
- **Vapor Pressure:** Negligible
- **Solubility:** Soluble in water (200 g/L at 25°C), insoluble in organic solvents.

10. Stability and Reactivity

- **Stability:** Stable in acidic conditions, hydrolyzes in neutral or alkaline media.
- **Incompatible Materials:** Strong oxidizers, bases.
- **Hazardous Decomposition Products:** Carbon monoxide, cyanide, bromide, nitrogen oxides.

11. Toxicological Information

- **Acute Oral LD50:**
  - 345 mg/kg (Male Rat)
  - 325 mg/kg (Female Rat)
- **Acute Dermal LD50:** >1000 mg/kg (Mice)
- **Acute Inhalation LC50:** >0.54 mg/L (Rat, 6 hours)
- **Skin Irritation:** Not a skin irritant
- **Eye Irritation:** Non-irritating

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12. Ecological Information

- **Toxicity to Fish:** LC50 (24h) for carp = 1.0 mg/L
- **Toxicity to Bees:** Moderately toxic

13. Disposal Considerations

- **Disposal Method:** Dispose of as hazardous waste following local regulations.
- **Container Disposal:** Do not burn; dispose of at an approved waste facility.

14. Transport Information

- **Shipping Name:** NA
- **UN Number:** NA
- **Class:** NA
- **Packing Group:** NA
- **Marine Pollutant:** NA

15. Regulatory Information

- **Risk Phrases:**
  - **R21:** Harmful in contact with skin.
  - **R22:** Harmful if swallowed.
  - **R51:** Toxic to aquatic organisms.
- **Safety Phrases:**
  - **S2:** Keep out of reach of children.
  - **S24/25:** Avoid skin and eye contact.
  - **S37/39:** Wear suitable gloves and eye protection.
  - **S46:** If swallowed, seek medical advice immediately.

16. Other Information

- **Disclaimer:** The provided data is based on scientific knowledge at the time and should be applied responsibly.