



**1 - Product and Company Information**

**Product Name (+)-DIMETHYL L-TARTRATE**

**Product Number 95365**

**2 - Hazards Identification**

**3 - Composition/Information on Ingredients**

**Product Name CAS # EC no Annex I**

**Index Number**

**(+)-DIMETHYL L-TARTRATE 608-68-4 210-166-8 None**

**Formula C<sub>6</sub>H<sub>10</sub>O<sub>6</sub>**

**Molecular Weight 178.14 AMU**

**4 - First Aid Measures**

**AFTER INHALATION**

**If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.**

**AFTER SKIN CONTACT**

**In case of contact, immediately wash skin with soap and copious amounts of water.**

**AFTER EYE CONTACT**

**In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.**

**AFTER INGESTION**

**If swallowed, wash out mouth with water provided person is conscious. Call a physician.**

**5 - Fire Fighting Measures**

**EXTINGUISHING MEDIA**

**Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.**

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS**

**Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

**6 - Accidental Release Measures**

**PROCEDURE(S) OF PERSONAL PRECAUTION(S)**

**Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.**

**METHODS FOR CLEANING UP**

**Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.**

#### **7 - Handling and Storage**

##### **HANDLING**

**Directions for Safe Handling: Use protective clothing, gloves, and mask. Do not breathe dust. Avoid contact with eyes, skin, and clothing.**

##### **STORAGE**

**Conditions of Storage: Keep tightly closed. Store in a cool dry place.**

#### **8 - Exposure Controls / Personal Protection**

##### **ENGINEERING CONTROLS**

**Safety shower and eye bath. Mechanical exhaust required.**

##### **GENERAL HYGIENE MEASURES**

**Remove and wash contaminated clothing promptly. Wash thoroughly after handling.**

##### **PERSONAL PROTECTIVE EQUIPMENT**

**Eye Protection: Chemical safety goggles.**

#### **9 - Physical and Chemical Properties**

**Appearance Color: White**

**Form: Crystals**

**Property Value At Temperature or Pressure**

**pH N/A**

**BP/BP Range 163 °C 23 mmHg**

**MP/MP Range 58 °C**

**Flash Point 113 °C Method: closed cup**

**Flammability N/A**

**Autoignition Temp N/A**

**Oxidizing Properties N/A**

**Explosive Properties N/A**

**Explosion Limits N/A**

**Vapor Pressure N/A**

**SG/Density 1.238 g/cm<sup>3</sup>**

**Partition Coefficient N/A**

**Viscosity N/A**

**Vapor Density N/A**

**Saturated Vapor Conc. N/A**

**Evaporation Rate N/A**

**Bulk Density N/A**

**Decomposition Temp. N/A**

**Solvent Content N/A**

**Water Content N/A**

**Surface Tension N/A**

**Conductivity N/A**

**Miscellaneous Data N/A**

**Solubility N/A**

**10 - Stability and Reactivity**

**STABILITY**

**Materials to Avoid: Acids, Bases, Oxidizing agents, Reducing agents.**

**HAZARDOUS DECOMPOSITION PRODUCTS**

**Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.**

**HAZARDOUS POLYMERIZATION**

**Hazardous Polymerization: Will not occur**

**11 - Toxicological Information**

**SIGNS AND SYMPTOMS OF EXPOSURE**

**To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.**

**ROUTE OF EXPOSURE**

**Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption. May cause irritation.**

**12 - Ecological Information**

**No data available.**

**13 - Disposal Considerations**

**SUBSTANCE DISPOSAL**

**Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.**

**14 - Transport Information**

**RID/ADR**

**Non-hazardous for road transport.**

**IMDG**

**Non-hazardous for sea transport.**

**IATA**

**Non-hazardous for air transport.**

**15 - Regulatory Information**

**COUNTRY SPECIFIC INFORMATION**

**Germany**

**WGK: 3**

**Self-Classification**

**16 - Other Information**

**WARRANTY**

**The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sparchem shall not be held liable for any damage resulting from handling or**

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