

L-CARNITINE TARTRATE 36687-82-8 MSDS

Name:	L-Carnitine L-tartrate Material Safety Data Sheet
Synonym:	
CAS:	36687-82-8

Section 1 - Chemical Product

MSDS Name: L-Carnitine L-tartrate Material Safety Data Sheet

Synonym:

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	content
36687-82-8	L-Carnitine L-tartrate	

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Not available. Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

SECTION 4 - FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately.

Notes to Physician:

Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

SECTION 7 - HANDLING and STORAGE

Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low. Exposure Limits CAS# 36687-82-8:

Personal Protective Equipment

Eyes:

Not available.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder

Color: white

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: Not available.
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: soluble
Specific Gravity/Density:
Molecular Formula: C7H16NO3.1/2C4H4O6
Molecular Weight: 236.25

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:
Not available.
Conditions to Avoid:
Not available.
Incompatibilities with Other Materials:
Not available.
Hazardous Decomposition Products:
Carbon monoxide, oxides of nitrogen, carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#: CAS# 36687-82-8 unlisted.
LD50/LC50:
Not available.
Carcinogenicity:
L-Carnitine L-tartrate - Not listed by ACGIH, IARC, or NTP.

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION IATA No information available. IMO No information available. RID/ADR No information available.

SECTION 15 - REGULATORY INFORMATION European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes. WGK (Water Danger/Protection) CAS# 36687-82-8: No information available. Canada None of the chemicals in this product are listed on the DSL/NDSL list. CAS# 36687-82-8 is not listed on Canada's Ingredient Disclosure List. US FEDERAL TSCA CAS# 36687-82-8 is not listed on the TSCA inventory. It is for research and development use only.

SECTION 16 - ADDITIONAL INFORMATION

MSDS Creation Date: 4/03/2003 Revision #0 Date: Original. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

SECTION 16 - ADDITIONAL INFORMATION

N/A