



Section 1. Product and Company Identification

Product Name Vitamin U
CAS Number 3493-12-7

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 ☎ (914) 654-6899
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements

None

Section 3. Composition / Information on Ingredients

Common Name Vitamin U
Synonym(s) S-MethylMethionine; Methylmethionine Sulfonium Chloride
Formula $C_6H_{14}NO_2S.Cl$
CAS Number 3493-12-7

Section 4. First Aid Measures

Inhalation: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician
Skin Contact: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician
Eye Contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician
Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Section 5. Firefighting Measures

Extinguishing Media

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



Special Risks

Specific Hazards: Emits toxic fumes under fire conditions

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Section 6. Accidental Release Measures

Procedures of Personal Precautions: Wear respirator, chemical safety goggles, 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.

Section 7. Handling and Storage

No information available

Section 8. Exposure Controls / Personal Protection

Engineering Controls: Mechanical exhaust required.

Personal Protective Equipment

Special Protective Measures: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Section 9. Physical and Chemical Properties

Color: White

Form: Powder

pH: N/A

BP/BP Range: N/A

MP/MP Range: N/A

Flash Point: 139°C

Flammability: N/A

Auto-ignition Temp: N/A

Oxidizing Properties: N/A

Explosive Properties: N/A

Explosion Limits: N/A

Vapor Pressure: N/A

SG/Density: N/A

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

Section 10. Stability and Reactivity

Stability: Stable

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, Hydrogen chloride gas.

Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

Route of Exposure

Skin Contact: May cause skin irritation

Eye Contact: May cause eye irritation

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption

Conditions Aggravated By Exposure: The toxicological properties have not been thoroughly investigated

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

RID/ADR: Non-hazardous for road transport

IMDG: Non-hazardous for sea transport

IATA: Non-hazardous for air transport



Section 15. Regulatory Information

Country Specific Information

Germany

WGK: 3

Self-Classification

Section 16. Other Information

Disclaimer: 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.

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