



Section 1. Product and Company Identification

Product Name Maple Lactone
CAS Number 765-70-8

Parchem - fine & specialty chemicals
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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 classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements

None

Carcinogenicity

NTP: No

OSHA: No

IARC Monograph: No

OSHA PEL: Not established

ACGIH TLV: Not established

Acute Toxicity Data

Oral LD50: 2000 mg/kg Rat

Dermal LD50: Not established

Inhalation LC50: Not established

Health Hazards (Acute and Chronic)

Skin Contact: May cause irritation

Inhalation: Not established

Eye Contact: May cause irritation

Ingestion: Not established



Other Effects: The health hazard information is based on laboratory animal test data for the individual components of this product in their pure form as provided under 29 CFR 1910.1200 (d)(5)(ii) The user should consider the relevancy of this information in a manner consistent with its particular purpose

Section 3. Composition / Information on Ingredients

Common Name	Maple Lactone
Synonym(s)	3-Methylcyclopentane-1,2-dione
Formula	$C_6H_8O_2$
CAS Number	765-70-8

Section 4. First Aid Measures

Eyes: Immediately flush eyes with large quantities of cold clean water for at least 15 minutes. Call a physician immediately

Skin: Wash with soap and water. Flush with large quantities of water. If irritation persists call a physician

Inhalation: Remove to fresh air and call a physician if necessary

Ingestion: Administer water or milk to dilute. Contact a physician or local poison control center immediately. **Do NOT** induce vomiting

Section 5. Firefighting Measures

Flash Point (Closed Cup): 200°F+

Extinguishing Media: Carbon Dioxide; Dry Chemical; Universal Type Foam

Special Fire Fighting Procedures: Evacuate unprotected and untrained personnel. Trained firefighting personnel should be equipped with self-contained breathing apparatus and full protective gear

Unusual Fire, Explosion and Stability Hazards: Sealed containers may build up pressure at high temperatures. If possible, keep containers cooled or kept cool with a water spray

Section 6. Accidental Release Measures

Remove any sources of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required. Absorb spills on vermiculite or other suitable absorbent material and remove to an approved disposal container

Section 7. Handling and Storage

It is recommended that this material be stored in tight full containers in a cool, dry place away from light. Consult storage sheet for full details



Section 8. Exposure Controls / Personal Protection

Eyes: In general, the use of safety glasses is recommended. If the material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended.

Respiratory: In well ventilated areas respiratory protection is not normally required. In confined, poorly ventilated areas the use of NIOSH-approved respiratory protection may be required or if material is rated toxic by inhalation.

Equipment and Apparel: The use of chemical resistant gloves is recommended. Acceptable industrial hygiene practices should be maintained. Limit exposure to product whenever possible, wash after any contact. Thoroughly wash any contaminated clothing or shoes.

Ventilation: Ventilation meeting ACGIH standards should be employed

Section 9. Physical and Chemical Properties

Physical State: Solid

% Volatile: N/A

Odor: Nutty, Maple-Like

Melting Point: 104°C

Color: White to cream

Vapor Density (Air = 1): N/A

Solubility in Water: Insoluble

Refractive Index (20°C): N/A

Boiling Point: N/A

Water Content: N/A

Vapor Pressure (20°C): N/A

Alcohol Content: N/A

Specific Gravity (25°C, H₂O = 1.0): N/A

Section 10. Stability and Reactivity

This material presents no significant hazard. Hazardous Polymerization will not occur and it will not react violently with water.

Contact with highly reactive chemical oxidants should be avoided. If burned this product will produce carbon monoxide and/or carbon dioxide.

Section 11. Toxicological Information

No data available

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

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15. Regulatory Information

US Federal

HMIS Rating

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: X

TSCA: CAS# 80-71-7 is listed on the TSCA Inventory

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule

Section 12B: None of the chemicals are listed under TSCA Section 12b

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA

CERCLA Hazardous Substances and Corresponding RQS: None of the chemicals in this material have an RQ

SARA Section 302 Extremely Hazardous Substances: none of the chemicals in this product have a TPQ

Section 313: No chemicals are reportable under section 313

Clean Air Act

This material does not contain any hazardous air pollutants

This material does not contain any Class 1 Ozone Depletors

This material does not contain any Class 2 Ozone Depletors

Clean Water Act

None of the chemicals in this product are listed as hazardous substances under the CWA

None of the chemicals in this product are listed as priority pollutants under the CWA

None of the chemicals in this product are listed as toxic pollutants under the CWA

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA

STATE: CAS# 765-70-8 is not present on state lists from CA, PA, MN, MA, FL, Or NJ



California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed

European/International Regulations: European labeling in accordance with EC directives

Hazard Symbols: Not available

Risk Phrases

R 36/38 Irritating to skin and eyes

Safety Phrases

S 24/25 Avoid contact with skin and eyes

WGK (WATER DANGER/PROTECTION)

CAS# 765-70-8

Canada - DSL/NDSL: CAS# 765-70-8 is listed on Canada's DSL list

Canada - WHMIS: This product has a WHMIS Classification of D2B

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.

REVISION DATE: 7/1/2015

