



Section 1 – Company Information

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER:
CHEMTEL - Parchem CCN# M1S0007152
Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME 2-Methyl-1,3-Propanediol
CAS NUMBER 2163-42-0
SYNONYM None

PRODUCT	CAS NUMBER	% BY WEIGHT
2-Methyl-1,3-Propanediol	2163-42-0	100%

Section 3 – Hazards Identification

HMIS RATING
HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0
NFPA RATING
HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

Section 4 – First Aid Measures

ORAL EXPOSURE

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

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

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

EYE EXPOSURE

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.

Section 5 – Fire Fighting Measures



FLASH POINT

212 °F 100 °C Method: closed cup

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

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

FIREFIGHTING

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

Specific Hazard(s): Emits toxic fumes under fire conditions.

Section 6 – Accidental Release Measures

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7 – Handling & Storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed.

Section 8 – Exposure Controls & Personal Protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand: Protective gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES



Wash thoroughly after handling.

Section 9 – Physical & Chemical Properties

Appearance Physical State: Liquid
Color: Very faintly yellow-green
Property Value At Temperature or Pressure
Molecular Weight: 90.12 AMU
Ph: N/A
BP/BP Range: 123.0 - 125.0 °C 20 mmHg
MP/MP Range: - 91.0 °C
Freezing Point: N/A
Vapor Pressure: N/A
Vapor Density: 3.2 g/l
Saturated Vapor Conc.: N/A
SG/Density: 1.016 g/cm³
Bulk Density: N/A
Odor Threshold: N/A
Volatile%: N/A
VOC Content: N/A
Water Content: N/A
Solvent Content: N/A
Evaporation Rate: N/A
Viscosity: N/A
Surface Tension: N/A
Partition Coefficient: N/A
Decomposition Temp.: N/A
Flash Point: 212 °F 100 °C Method: closed cup
Explosion Limits: N/A
Flammability: N/A
Autoignition Temp: N/A
Refractive Index: 1.445
Optical Rotation: N/A
Miscellaneous Data: N/A
Solubility: N/A

Section 10 – Stability & Reactivity Data

STABILITY

Stable: Stable

Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION



Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

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

Section 12 – Ecological Information

No data available.

Section 13 – Disposal Consideration

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this material. 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.

Section 14 – Transportation Data

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 – Regulatory Information

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.



Safety Data Sheet
(2-Methyl-1,3-Propanediol)
DATE PREPARED: 12/29/2011
REVISION NUMBER: 12/29/2011

DSL: Yes
NDSL: No

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.