

MarChem Polyurethane Systems

Safety Data Sheet

1. Identification of Substance:

Product Name: S7802

Supplier Identification:

MarChem Polyurethane Systems

Telephone:

314-872-8700

Address:

2500 Adie Road
Maryland Heights, MO 63043

24-Hr. Emergency Phone Number:

CHEMTREC (800) 424-9300

Product Use: Polyurethane polyol component

2. Hazards Identification:

GHS Ratings:

Skin corrosive

3

Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$

GHS Hazards

H316

Causes mild skin irritation

GHS Precautions

P332+P313

If skin irritation occurs: Get medical advice/attention

Signal Word: Warning



3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Castor oil, reaction products with TDI	70024-98-5	90.00% - 100.00%

4. First Aid Measures:

Inhalation: Move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water.

Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

5. Fire Fighting Measures:

Flash Point: N/A

LEL:

UEL:

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-Related Safety Precautions: Avoid contact with skin and eyes.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

7. Handling and Storage:

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Castor oil, reaction products with TDI 70024-98-5	Not Established	Not Established	Not Established

Engineering Controls: No specific measures required.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when

handling chemicals.

Respiratory Protection: None required if work area is properly ventilated.

Protection of Hands: Protective chemical resistant gloves.

Eye Protection: Safety glasses.

Body Protection: Protective work clothing. Launder separately.

9. Physical and Chemical Properties:

Appearance: Yellow liquid	Odor: Castor oil
Vapor Pressure: N/A	Odor threshold: N/A
Vapor Density: N/A	pH: N/A
Specific Gravity: 0.984359773	Melting point: N/A
Freezing point: N/A	Solubility: N/A
Boiling range: N/A	Flash point: 999 F, 999 C
Evaporation rate: N/A	Flammability: N/A
Explosive Limits: N/A	Partition coefficient (n-octanol/water): N/A
Autoignition temperature: N/A	Decomposition temperature: N/A

10. Stability and Reactivity:

Chemical Stability: Expected to be stable under normal storage conditions.

Incompatible Materials: Avoid contact with isocyanates and strong oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon

11. Toxicological Information:

Mixture Toxicity

Component Toxicity

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: Liquid may cause irritation.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: Consult physician.

Chronic Effects: Not expected to cause any adverse chronic health effects.

Routes of Entry : Skin contact, eye contact.

Target Organs: Minor potential for irritation

Chemicals with Known or Possible Carcinogenic Effects:

CAS Number

Description

% Weight

Carcinogen Rating

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

14. Transport Information:

Not considered a dangerous good according to transport regulations unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
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15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: None.

All Substances Listed on TSCA Inventory Unless Noted:

- None

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of MarChem Polyurethane Systems. The data on these sheets relates only to the specific material designated herein. MarChem Polyurethane Systems assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

Date revised: 2015-05-19

Reviewer Revision

Date Prepared: 6/1/2015