



**Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM**

**Revision Date: 06/23/2025**

**Section 1. Identification**

**Product identifier**

<b>Product Identity</b>	Glycol Ether TPM
<b>Other means of identification</b>	Tri methoxy Propanol, [2-(2-methoxymethylethoxy)methylethoxy]propanol, Methyl TriPROXITOL, Arcosolv TPM

**Relevant identified uses of the substance or mixture and uses advised against**

Industrial use

**Details of the supplier of the safety data sheet**

<b>Company Name</b>	Silver Fern Chemical, Inc. 121 W. De La Guerra Street, Suite B Santa Barbara, CA 93101 USA Customer Service: 1-866-282-3384 / info@silverfernchemical.com Website - www.silverfernchemical.com
<b>Emergency 24 hour Emergency Telephone No.</b>	Emergency telephone number Infotrac: 1-800-535-5053; Outside USA & Canada +1- 352-323-3500
<b>Customer Service:</b>	

**Section 2. Hazard(s) identification**

**Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)**

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

**Label elements**



**Silver Fern Chemical, Inc.**  
**Safety Data Sheet**  
**Glycol Ether TPM**

**Revision Date: 06/23/2025**

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

**[Prevention]**

No GHS prevention statements

**[Response]**

No GHS response statements

**[Storage]**

No GHS storage statements

**[Disposal]**

No GHS disposal statements

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organization for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

**Section 3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Tripropylene glycol monomethyl ether CAS Number: 25498-49-1 Synonyms: No available information	≤ 100	Not Classified	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.



## Section 4. First aid measures

### Description of first aid measures

- General** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
- Eyes** Rinse with plenty of clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
- Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

- Overview** No specific symptom data available.  
No chronic toxicity or long-term toxicity information available. Treat symptomatically. See section 2 for further details.

## Section 5. Fire-fighting measures

### Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

### Special hazards arising from the substance or mixture

Hazardous decomposition: Heating will cause a rise in pressure with a risk of bursting. May form smoke and carbon monoxide in the event of incomplete combustion.  
Hazardous decomposition products in case of fire: Carbon oxides (CO, CO<sub>2</sub>).

### Advice for fire-fighters



**Silver Fern Chemical, Inc.**  
**Safety Data Sheet**  
**Glycol Ether TPM**

**Revision Date: 06/23/2025**

Firefighting instructions: Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent firefighting water from entering the environment.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information: Do not allow run-off from firefighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

**ERG Guide No.**

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<b>Section 6. Accidental release measures</b>
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**Personal precautions, protective equipment and emergency procedures**

Non-Emergency responders: Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Remove all contaminated clothing under the shower.

Emergency responders: Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

**Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

**Methods and material for containment and cleaning up**

Stop leak if safe to do so. Dam up the liquid spill.

Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Recover large spills by pumping (use an explosion proof or hand pump). Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). This material and its container must be disposed of in a safe way, and as per local legislation.

<b>Section 7. Handling and storage</b>
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Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM

Revision Date: 06/23/2025

**Precautions for safe handling:** Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Opened containers must be carefully closed and kept upright to avoid leakage.

**Hygiene measures:** Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Bund storage facilities to prevent soil and water pollution in the event of spillage.

Incompatible materials: Copper alloys. copper. Strong oxidizing agents. Aluminum.

**Heat and ignition sources:** Keep away from open flames, hot surfaces and sources of ignition. Do not smoke. Residue may be flammable and explosive.

**Special rules on packaging:** Containers which are opened should be properly resealed and kept upright to prevent leakage.

**Packaging materials:** Keep only in the original container. Keep container tight closed. Suitable material: Stainless steel. Polyester. Unsuitable material: Copper alloys. copper. Aluminum.

**Specific end use(s)**

Solvent.

**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure Limits**

CAS No.	Ingredient	Source	Value
25498-49-1	Tripropylene glycol monomethyl ether	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit



**Silver Fern Chemical, Inc.**  
**Safety Data Sheet**  
**Glycol Ether TPM**

**Revision Date: 06/23/2025**

**Exposure controls**

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended

**Skin** Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

<b>Section 9. Physical and chemical properties</b>
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**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	Ethereal
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	-77.8 °Cn
<b>Initial boiling point and boiling range</b>	242.8 °C
<b>Flammability (solid, gas)</b>	Not flammable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information  <b>Upper Explosive Limit:</b> No available information
<b>Flash Point</b>	124 °C (PMCC) [ASTM D 93]
<b>Auto-ignition temperature</b>	277 °C



**Silver Fern Chemical, Inc.**  
**Safety Data Sheet**  
**Glycol Ether TPM**

**Revision Date: 06/23/2025**

<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Kinematic viscosity</b>	6.71 mm <sup>2</sup> /s (20 °C)
<b>Solubility in Water</b>	Completely Soluble in water.
<b>Partition coefficient n-octanol/water (Log Kow)</b>	0.31 (log Pow)
<b>Vapor pressure (Pa)</b>	1.7 Pa (20°C)
<b>Relative Density</b>	0,95 – 0,96 (20 °C)
<b>Vapor Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>Oxidizing properties</b>	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidizing properties.
<b>Explosive properties</b>	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
<b>Molecular Weight</b>	206.3 g/mol
<b>Density</b>	0.965 g/cm <sup>3</sup> (20°C - ASTM D4052)
<b>Other information</b>	No other relevant information.

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Avoid high temperatures and contact with incompatible material

### Incompatible materials

No available information

### Hazardous decomposition products

No hazardous decomposition data available.



Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM

Revision Date: 06/23/2025

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Tripropylene glycol monomethyl ether - (25498-49-1)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
25498-49-1	Tripropylene glycol monomethyl ether	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry: No available information





Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM

Revision Date: 06/23/2025

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Tripropylene glycol monomethyl ether - (25498-49-1)	No data available.	No data available.	No data available.

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.

**Section 14. Transport information**



Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM

Revision Date: 06/23/2025

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable

#### Environmental hazards

IMDG Marine Pollutant: No;  
**Special precautions for user**

No available information

### Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)

#### Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0025498-49-1	Tripropylene glycol monomethyl ether	Yes		ACTIVE

The following flags are used:

- Active - indicates commercial status designation of active
- E - indicates a substance that is the subject of a Section 5(e) Consent Order under TSCA.
- F - indicates a substance that is the subject of a Section 5(f) Rule under TSCA.
- N - indicates a polymeric substance containing no free-radical initiator in its Inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.



**Silver Fern Chemical, Inc.**  
**Safety Data Sheet**  
**Glycol Ether TPM**

**Revision Date: 06/23/2025**

- P - indicates a commenced Premanufacture Notice (PMN) substance.
- R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
- S - indicates a substance that is identified in a final Significant New Uses Rule.
- SP - indicates a substance that is identified in a proposed Significant New Uses Rule.
- T - indicates a substance that is the subject of a final Section 4 test rule under TSCA.
- UVCB Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials
- XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
- Y1 - indicates a polymer that has a number-average molecular weight greater than 1,000 and that was exempt under the 1984 polymer exemption rule.
- Y2 - indicates a polymer that is a polyester and that was exempt under the 1984 polymer exemption rule.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



**Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM**

**Revision Date: 06/23/2025**

**Mass RTK Substances (>1%) :**  
(No Product Ingredients Listed)

**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**OSHA Process Safety Management Standard Highly Hazardous Chemicals, Toxics and Reactives:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**US EPA List of Regulated Substances under the Risk Management Plan (RMP) Program:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**US EPA Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) under the Minimum Risk Exemption:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**U.S. - DEA List II or Essential Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**U.S. - DEA - Exempt Chemical Mixtures - List 1 and 2:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**US DHS Chemical Facility Anti-Terrorism Standards (CFATS):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



**Silver Fern Chemical, Inc.  
Safety Data Sheet  
Glycol Ether TPM**

**Revision Date: 06/23/2025**

<b>Section 16. Other information</b>
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**Revision Date**

06/23/2025

**DISCLAIMER OF RESPONSIBILITY**

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume damage or expense arising out of or in any way responsibility and expressly disclaim liability for loss, connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

The full text of the phrases appearing in section 3 is:

Not Applicable

**End of Document**