



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

**Revision Date:  
29 June, 2026**

**Section 1. Identification**

**Product Identity** Glycol Ether PPH  
**Other means of identification** Propylene glycol phenyl ether; 1-Phenoxy-2-propanol; 1-Phenoxypropan-2-ol; Phenoxyisopropanol; PPH

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

Industrial use

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

**Company Name** Silver Fern Chemical, Inc.  
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Santa Barbara, CA 93101 USA  
info@silverfernchemical.com  
Website - www.silverfernchemical.com

**24 hour Emergency Telephone No.** **Emergency telephone number:**  
**Infotrac: 1-800-535-5053**  
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**Customer Service:** Customer Service: 1-866-282-3384

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

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

Serious eye damage / eye irritation, category 2A; H319 Causes serious eye irritation.

**Label elements**



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**Warning**

H319 Causes serious eye irritation.

**[Prevention]**

P264 Wash thoroughly after handling.

P280 Wear protective gloves, eye protection, and face protection.

**[Response]**

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice or attention.

**[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 US EPA PFASMASTER combined list of PFAS chemicals.

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



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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             |
|-------------------------------------------------------------------------------------------|----------|------------------------------------------------------|-------------------|
| 2-Propanol, 1-phenoxy-<br>CAS Number: 770-35-4<br>Synonyms: Propylene glycol phenyl ether | >100%    | Serious eye damage / eye irritation, category 2;H319 | 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.

**Eyes** Causes serious eye irritation.

## 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

Combustible liquid at high temperatures. Vapors are heavier than air and can travel along the ground to a source of ignition and flashback. Vapors can spread along the ground and collect in low or confined areas. Closed containers may rupture due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.  
Explosion hazards: Avoid sources of ignition, high temperatures and hot surfaces. Vapor may form an explosive mixture with air, especially in confined spaces.

## Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No.

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## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### Environmental precautions

Do not allow spills to enter drains or waterways.

### Methods and material for containment and cleaning up



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Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.  
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## **Section 7. Handling and storage**

### **Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.  
Do not get in eyes or on skin or clothing. NO SMOKING. Do not breathe vapor or mist. If normal use of material presents a respiratory hazard, use only adequate ventilation or wear an appropriate respirator. Wash contaminated clothing and shoes thoroughly after use.  
See section 2 for further details. - [Prevention]

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

Store in a dry, well-ventilated area away from incompatible materials (see Section 10.5), food and drink. Keep away from heat and ignition sources. Transfer only to approved containers having correct labeling. Keep container tightly closed when not in use. Protect containers from physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Containers of this material are hazardous when empty as they contain product residues. Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Keep out of reach of children.  
Incompatible materials: No available information  
See section 2 for further details. - [Storage]

### **Specific end use(s)**

No available information

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

### **Control parameters**

### **Exposure Limits**

| CAS No. | Ingredient | Source | Value |
|---------|------------|--------|-------|
|---------|------------|--------|-------|



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| CAS No.  | Ingredient             | Source | Value                |
|----------|------------------------|--------|----------------------|
| 770-35-4 | 2-Propanol, 1-phenoxy- | OSHA   | No Established Limit |
|          |                        | ACGIH  | No Established Limit |
|          |                        | NIOSH  | No Established Limit |

**Exposure  
controls**

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

**Eyes** Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

**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.

**Section 9. Physical and chemical properties**

**Information on basic physical and chemical properties**

|                                                     |                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Physical State</b>                               | Liquid                                                                                  |
| <b>Color</b>                                        | Clear, colorless                                                                        |
| <b>Odor</b>                                         | Faint, characteristic                                                                   |
| <b>Odor threshold</b>                               | No available information                                                                |
| <b>Melting point / freezing point</b>               | 11 °C (52 °F) [literature]                                                              |
| <b>Initial boiling point and boiling range</b>      | > 240 °C (> 464 °F)                                                                     |
| <b>Flammability (solid, gas)</b>                    | Not Applicable                                                                          |
| <b>Upper/lower flammability or explosive limits</b> | Lower Explosive Limit: 0.81% (v)<br><br>Upper Explosive Limit: No available information |
| <b>Flash Point</b>                                  | 120 °C (248 °F)                                                                         |
| <b>Auto-ignition temperature</b>                    | 480 °C (896 °F) @ 760 mm Hg                                                             |



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|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| Decomposition temperature                       | No available information        |
| pH                                              | No available information        |
| Viscosity (cSt)                                 | 22.7 mPa·s @ 25 °C [literature] |
| Solubility in Water                             | Miscible                        |
| Partition coefficient n-octanol/water (Log Kow) | Log Pow= 1.41                   |
| Vapor pressure (Pa)                             | 0.0836 mm Hg @ 20 °C            |
| Relative Density                                | 1.064 @ 20 °C                   |
| Vapor Density                                   | 5.27 [Air = 1]                  |
| Evaporation rate (Ether = 1)                    | No available information        |
| Oxidising properties                            | No available information        |
| Explosive properties                            | No available information        |
| Molecular Weight                                | 152.19 g/mol                    |

**Other information**

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**

Temperature extremes, sources of ignition, hot surfaces, contact with incompatible materials

**Incompatible materials**

Strong acids, strong oxidizing agents, strong bases.

**Hazardous decomposition products**

Thermal decomposition products include oxides of carbon, aldehydes, ketones, organic acids.

## Section 11. Toxicological information



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### 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,<br>mg/kg | Skin LD50,<br>mg/kg | Inhalation<br>Vapor LC50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LC50,<br>mg/L/4hr | Inhalation<br>Gas LC50,<br>ppm |
|-------------------------------------|---------------------|---------------------|---------------------------------------|-------------------------------------------|--------------------------------|
| 2-Propanol, 1-phenoxy- - (770-35-4) | No data available.  | No data available.  | No data available.                    | No data available.                        | No data available.             |

### Carcinogen Data

| CAS No.  | Ingredient             | Source | Value                     |
|----------|------------------------|--------|---------------------------|
| 770-35-4 | 2-Propanol, 1-phenoxy- | OSHA   | Regulated Carcinogen: No; |
|          |                        | NTP    | Known: No; Suspected: No; |
|          |                        | IARC   | 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 | 2A       | Causes serious eye irritation. |
| 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:

Inhalation, ingestion, skin contact, and skin absorption.

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

No specific symptom data available.

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

**Eyes** Causes serious eye irritation.





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## 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               |
|-------------------------------------|-----------------------------|----------------------------|---------------------------------|
| 2-Propanol, 1-phenoxy- - (770-35-4) | 280.00, Pimephales promelas | 101.00, Daphnia magna      | 101.00, Desmodesmus subspicatus |

### 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

|           | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA     |
|-----------|---------------------------------------|-----------------------------------|---------------|
| UN number | Not Regulated                         | Not Regulated                     | Not Regulated |
| UN proper | Not Regulated                         | Not Regulated                     | Not Regulated |



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**shipping name**

|                         |                           |                           |                           |
|-------------------------|---------------------------|---------------------------|---------------------------|
| <b>Transport</b>        | Class: Not Applicable     | Class: Not Applicable     | Class: Not Applicable     |
| <b>hazard class(es)</b> | Sub Class: Not Applicable | Sub Class: Not Applicable | Sub Class: Not Applicable |
| <b>Packing group</b>    | 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 |
|--------------|------------------------|------------------------------------|----------|--------|
| 0000770-35-4 | 2-Propanol, 1-phenoxy- | 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.
- 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.

**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.

**CERCLA Chemicals and RQs:**

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

|                                      |
|--------------------------------------|
| <b>Section 16. Other information</b> |
|--------------------------------------|

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**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



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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:

H319 Causes serious eye irritation.

**End of Document**