



BIOPHARM INC.

# SAFETY DATA SHEET

## 1. Identification:

**Product Identifier:** Phenolphthalein 1% (w/v) in 99% Propylene Glycol  
**Product code:** BP8678  
**Synonym(s):** Phenolphthalein Indicator 1%  
Visual Transition: pH 8 (COLORLESS) to pH 10 (PINK)  
**Recommended use:** Manufacture of other chemical products, professional, scientific, and technical activities.  
**Recommended restrictions:** None known.

### Manufacturer/Supplier/Distributor Information

**Company name:** Biopharm Inc.  
**Address:** 187 South Tilley Road  
Hatfield, AR 71945  
**Telephone:** (870) 389-6114  
**Website:** www.bphchem.com  
**E-mail:** support@bphchem.com  
**Emergency phone number:** Chemtrec 800-424-9300

## 2. Hazard(s) identification:

**Classification:** No Known OSHA Hazards; May be harmful if swallowed and enters airways.  
**Label elements:** None  
**Signal word:** Danger  
**Hazard statement:** None  
**Precautionary statement:**  
**Prevention** Avoid contact with eyes, skin, and clothing. Avoid prolonged or re-peated exposure.  
**Response** Wash thoroughly after handling. Replace cap when not in use.  
**Storage** Store bottles tightly capped and upright.  
**Disposal** To be performed in compliance with all current local, state and federal regulations.  
**Hazard(s) not otherwise classified (HNOC):** None known.  
**Supplemental information:** No information available.

## 3. Composition/information on ingredients

### Mixtures

<u>Chemical Name</u>	<u>CAS number</u>	<u>%</u>
Propylene Glycol	57-55-6	99
Phenolphthalein	77-09-8	Balance

## 4. First-aid measures



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

Store bottles tightly capped and upright. The material is hygroscopic and light sensitive.

**8. Exposure controls/personal protection****Exposure Guidelines:**

<u>Component</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Propylene Glycol	10 mg/m <sup>3</sup> (TWA)	No data
Phenolphthalein	No data	No data

**Engineering measures:**

In case of insufficient ventilation, use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal protective equipment:**

**Eye/face protection:** Wear protective eyeglasses or chemical safety goggles.

**Skin and body protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

**Appearance:** Clear, colorless liquid

**Odor:** Practically odorless

**Odor threshold:** No data available

**Vapor Pressure (mm Hg):** No data available

**Vapor density (Air = 1):** No data available

**pH:** No data available

**Relative density:** No data available

**Melting point/freezing point:** No data available

**Solubility in Water:** Infinite

**Boiling Point (°F):** No data available

**Flash point:** No data available

**Evaporative Rate (H<sub>2</sub>O = 1):** No data available

**Flammability (solid, gas):** Non-flammable

**Upper/lower flammability or explosive limits**

**Flammability limit - lower** No data available

**Flammability limit - upper** No data available

**Explosive limit - lower** No data available

**Explosive limit - upper** No data available

**Partition coefficient: n-octanol/water** No data available

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

<b>Viscosity:</b>	No data available
<b>Other information:</b>	
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	No data available
<b>Percent Volatile by Volume:</b>	No data available

## 10. Stability and reactivity

<b>Reactivity:</b>	This product is stable and nonreactive under normal conditions of use, storage, and transport.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Excess heat, exposure to moist air or water.
<b>Incompatible materials:</b>	Oxidizing agents, acids, alkalis, chloroformates, caustics, aliphatic amines, isocyanates, acid anhydrides, silver nitrate, reducing agents.
<b>Hazardous decomposition products:</b>	No information found.

## 11. Toxicological information

### Information on likely routes of exposure:

<b>Ingestion:</b>	Gastrointestinal disturbance; nausea; headache; vomiting; central nervous system depression
<b>Inhalation:</b>	Irritation to respiratory tract
<b>Skin Contact:</b>	Mild irritation
<b>Eye Contact:</b>	Mild irritation

### Information on toxicological effects

**Acute toxicity** This product is not classified as an acute toxicity hazard. See below for individual ingredient acute toxicity data.

<u>Component</u>	<u>LD<sub>50</sub> Oral</u>	<u>LD<sub>50</sub> Dermal</u>	<u>LC<sub>50</sub> Inhalation</u>
Phenolphthalein	1000 mg/kg (rat)	No data available	No data available
Propylene Glycol	20,000 mg/kg (rat)	20,800 mg/kg (rabbit)	No data available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No data available.
<b>Serious eye damage/irritation</b>	No data available.
<b>Respiratory Sensitization</b>	No data available.
<b>Skin sensitization</b>	No data available.
<b>Carcinogenicity</b>	May cause cancer.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Phenolphthalein                      2B possibly carcinogenic to humans

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096)

Not regulated

**U.S. National Toxicology Program (NTP) Report on Carcinogens**

	Phenolphthalein	Reasonably anticipated to be a human carcinogen
<b>Mutagenic effects</b>	No data available	
<b>Reproductive effects</b>	No data available	
<b>STOT – single exposure</b>	No data available	
<b>STOT – repeated exposure</b>	No data available	
<b>Aspiration hazard</b>	No data available	
<b>Chronic effects</b>	No data available	

**12. Ecological information**

<b>Ecotoxicity:</b>	No data available
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulation/ Accumulation:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Other adverse effects:</b>	No data available.

**13. Disposal considerations**

<b>Waste disposal methods:</b>	To be performed in compliance with all current local, state and federal regulations. Spills onto sand, soil, or other absorbent may be handled by placing the affected soil into approved containers then label and store for proper treatment or disposal.
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**14. Transport information**

<b>DOT:</b>	Not regulated as a hazardous material by DOT.
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**15. Regulatory information**

**U.S. Federal regulations**

<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	Listed
<b>U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not regulated
<b>CERCLA Hazardous Substances List (40 CFR 302.4)</b>	Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard Categories</b>	Immediate Hazard – No
	Delayed Hazard – No
	Fire Hazard – No
	Pressure Hazard – No
	Reactivity Hazard – No

**Other Federal regulations**

<b>Clean Air Act</b>	Not regulated
<b>Clean Water Act</b>	Not regulated

**California Prop 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**16. Other information, including date of preparation or last revision**

**Revision date**

October 20, 2023

**Disclaimer**

The statements contained herein are offered as informational data only and are believed to be correct. However, this product should be handled by persons having related technical skills, and at their own discretion and risk. Since seller has no control over the use of this product, no warranty, expressed or implied, is made and seller assumes no liability in connection with any use of this information or from contact and/or handling of this product.