

## 1. IDENTIFICATION

**IDENTIFIER (AS LABELED):** USP Propylene Glycol  
**RECOMMENDED USE/RESTRICTION:** Raw material for manufacturing and production  
**MANUFACTURER'S NAME:** Belle Chemical  
**ADDRESS:** 501 N. 22<sup>nd</sup> St.  
Billings, MT 59101  
**EMERGENCY PHONE:** (406) 672-5899 [24 HR]  
**BUSINESS PHONE:** (877) 522-2233

Health	0
Fire	0
Reactivity	0

## 2. HAZARD(S) IDENTIFICATION

**HAZARD CLASSIFICATION:** Not a hazardous substance or mixture.  
**SIGNAL WORD:** None  
**HAZARD STATEMENT(S):** None  
**SYMBOL(S):** None  
**PRECAUTIONARY STATEMENT(S):** None  
**HAZARDS NOT CLASSIFIED:** None  
**UNKNOWN ACUTE TOXICITY:** Not Applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENT(S)

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA			NIOSH
			TLV TWA	STEL	PEL	STEL	IDLH	REL
Propylene Glycol	57-55-6	>99%	NE	NE	NE	NE	NE	NE

## 4. FIRST-AID MEASURES

**INHALATION:** Not expected to cause adverse health effects.  
**EYES:** Hold eyelids open and flush with a steady stream of water for 20 minutes. Seek medical attention if irritation persists.  
**SKIN:** Not expected to cause adverse health effects. If irritation occurs, wash affected area with soap and water.  
**INGESTION:** Rinse mouth. **DO NOT INDUCE VOMITING** unless directed by a medical professional. Seek medical attention if unwell.

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MATERIALS:** Use extinguishing media applicable to the surrounding fire.  
**SPECIAL EQUIPMENT:** Use water spray to cool containers. Wear full protective clothing and self-contained breathing apparatus (SCBA).  
**SPECIFIC HAZARDS:** When heated to decomposition, this product may emit carbon, nitrogen, or sulfur oxides.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Contain material and discard according to Federal, State and local regulations.

## 7. HANDLING and STORAGE

**SAFE HANDLING:** Wash hands after handling material. Do not eat, drink, or smoke while handling material.  
**SAFE STORAGE:** Store in cool, dry, well-ventilated area away from incompatible materials. Keep out of direct sunlight.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Engineering controls are not required.  
**RESPIRATORY:** Not required. **EYE:** Face shield and goggles if splashing is expected  
**HAND:** Not expected to cause adverse effects. **BODY:** Not expected to cause adverse effects.  
**OTHER PROTECTIVE MEASURES:** None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear Liquid **ODOR:** Not Established **ODOR THRESHOLD:** Not Established  
**PH:** Not Applicable **MELT/FREEZE POINT:** -76°F **BOILING POINT/RANGE:** 368.6°F  
**FLASH POINT:** 210.2°F **EVAPORATION RATE:** Not Established **FLAMMABILITY:** Not Established  
**UEL / LEL:** 12.6/2.6 **VAPOR PRESSURE:** Not Established **VAPOR DENSITY:** Not Established  
**RELATIVE DENSITY:** 1.035 **SOLUBILITY(IES):** Water **PARTITION COEFFICIENT:** Not Established  
**AUTO-IGNITION:** 752°F **DECOMPOSITION TEMP:** Not Established **VISCOSITY:** 45 mPa (20°C)

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Generally non-reactive  
**CHEMICAL STABILITY:** Hygroscopic  
**CONDITIONS TO AVOID:** Exposure to light, moisture, contamination.  
**INCOMPATIBLE MATERIALS:** Strong oxidizers  
**HAZARDOUS POLYMERIZATION:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not considered toxic.  
**NTP/IARC SUSPECTED CARCINOGEN:** Not suspected.  
**SYMPTOMS OF EXPOSURE:** No symptoms of overexposure.  
**TOXICITY ESTIMATE(S):** No data available.

#### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not considered toxic  
**PERSISTENCE AND DEGRADABILITY:** Biodegradable  
**BIOACCUMULATIVE POTENTIAL:** Product is biodegradable and non-accumulative  
**MOBILITY IN SOIL:** Not tested as a whole  
**OTHER ADVERSE EFFECTS:** None

#### 13. DISPOSAL CONSIDERATIONS

**SAFE HANDLING AND DISPOSAL:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

#### 14. TRANSPORTATION INFORMATION

**UN NUMBER/SHIPPING NAME:** Not regulated as dangerous goods  
**TRANSPORT HAZARD CLASS(ES):** No requirements  
**DOT:** Not regulated as dangerous goods  
**PACKING GROUP:** No requirements  
**ENVIRONMENTAL HAZARDS:** No  
**TRANSPORT IN BULK:** None  
**SPECIAL PRECAUTIONS:** None

#### 15. REGULATORY INFORMATION

**SARA 302:** No requirements.  
**SARA 311/312:** No requirements.  
**SARA 313:** No requirements.  
**TSCA STATUS:** All constituents.  
**CALIFORNIA PROPOSITION 65:** Not found.  
**CERCLA (RQ):** No requirements.  
**STATE REGULATIONS:** Not regulated  
**EUROPEAN INVENTORY:** Constituents of this product are listed on EINECS

#### 16. OTHER INFORMATION

The information and recommendations herein are taken from data contained in independent industry recognized references including NIOSH, OSHA, ANSI, and NFPA. No guarantee, express or implied, and no liability is assumed by Belle Chemical in conjunction with the use of this information.

**DATE OF PREPARATION:** 01/17/2021