



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Propylene Glycol USP Kosher

30-1055

Section 1: Identification

Product Name Propylene Glycol USP Kosher

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 30-1055

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.

CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available

Response Not available

Storage Not available

Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Propylene Glycol

% By Weight 90 - 100

CAS# 57-55-6

Molecular Weight 76.1 g/mole

Chemical Formula CH₃CHOHCH₂OH

Synonym(s) 1,2,-propanediol, 1,2-dihydroxypropane

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Propylene Glycol	57-55-6	90 - 100	Not available.	ORAL (LD50):Acute: 20000mg/kg [Rat.].DERMAL (LD50):Acute: 20800mg/kg [Rabbit.].

Section 4: First-Aid Measures

Inhalation	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
Skin Contact	Wash off with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
Eye Contact	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
Ingestion	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Carbon dioxide (CO₂) Foam Dry chemical

Unsuitable Extinguishing Media

High volume water jet

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Do not allow run-off from fire fighting to enter drains or water courses. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6: Accidental Release Measures

Methods and materials for containment and cleaning up: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Advice on protection against fire and explosion: Normal measures for preventive fire protection. Advice on safe handling: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Conditions for safe storage: Electrical installations / working materials must comply with the technological safety standards. Materials to avoid: No materials to be especially mentioned

Section 8: Exposure Controls/Personal Protection

Exposure Limits	TWA 10 mg/m ³ US WEEL
Engineering Controls	Not available.
Personal Protection	Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection. Eye protection : Safety glasses Skin and body protection: Protective suit Hygiene measures: General industrial hygiene practice.

Section 9: Physical and Chemical Properties

Appearance	Clear, Colorless Liquid.		
Odor	odorless, mild		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	7 @ 20 - 25 °C (68 - 77 °F)
Freezing Point	-60 - -20 °C (-76 - -4 °F)	Vapor Pressure	< 0.225 mmHg @ 25 °C (77 °F)
Boiling Point/Range	184 - 188 °C (363 - 370 °F)	Vapor Density	< 2.62 @ 15 - 32 °C (59 - 90 °F) (A)
Decomposition temperature	Not available.	Viscosity	dynamic: 43 - 56 mPa.s @ 20 - 25
Partition Coefficient: n-octanol/water	log Pow: -1.07 - -0.92	Evaporation Rate	< 0.02 (Butyl Acetate = 1)
Flash Point	103 °C (217 °F)	Autoignition temperature	371 - 400 °C
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	2.4 %(V)
		Upper	17.4 %(V)
Solubility(ies)	soluble		
Other	Surface tension : 71.6 mN/m, 21.5 °C		

Section 10: Stability and Reactivity

Reactivity	Stable under recommended storage conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	No hazards to be specially mentioned.
Conditions to Avoid	Keep away from heat, flame, sparks and other ignition sources. Exposure to light.
Incompatible Materials	Amines, isocyanates, mercaptans, Reducing agents, Strong oxidizing agents, Acids, Bases
Hazardous Decomposition Products	Aldehydes, Alcohols, ethers, Organic acids, Carbon oxides, toxic fumes

Section 11: Toxicological Information**RTECS** TY2000000**Acute Toxicity**

Not available

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not listed

Reproductive Toxicity

Not available

Routes of Entry

Not available



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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information

Ecotoxicity

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations

Waste Disposal

Dispose of in accordance with all applicable local, state and federal regulations.

Disposal of Container

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Considerations

Not available.

Section 14: Transport Information

DOT Classification

DOT (Department of Transportation): Not regulated as a dangerous good

Section 15: Regulatory Information

Regulations

EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ. SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ. SARA 311/312 Hazards : No SARA Hazards SARA 302 : No chemicals in this material are subject to the reporting re- quirements of SARA Title III, Section 302. SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Clean Air Act This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Sec- tion 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489): 57-55-6 Propylene glycol Clean Water Act This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 US State Regulations Massachusetts Right To Know No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know 57-55-6 Propylene glycol 90 - 100 % New Jersey Right To Know 57-55-6 Propylene glycol 90 - 100 % California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other re- productive harm.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada).
(EEC) R36/38- Irritating to eyes and skin.;Gloves.;Lab coat.;Splash goggles.

DSCL



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Section 16: Other Information

Hazard Rating System: NFPA: Health- 0 Fire - 1 Reactivity - 0