

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : PROPYLENE GLYCOL USP KOSHER

**Recommended use of the chemical and restrictions on use**

**Recommended use** : Food/Drug  
Kosher

**Manufacturer or supplier's details**

**Company** : Univar Solutions USA  
**Address** 3075 Highland Pkwy Suite 200 Downers Grove, IL 60515  
United States of America (USA) Kosher

**Emergency telephone number:**

Transport North America: CHEMTREC (1-800-424-9300)  
CHEMTREC INTERNATIONAL Tel # 703-527-3887

**Additional Information:** : Responsible Party: Product Compliance Department

E-mail: SDSNA@univarsolutions.com  
SDS Requests: 1-855-429-2661  
Website: www.univarsolutions.com

### SECTION 2. HAZARDS IDENTIFICATION

<b>GHS Classification</b>	<b>GHS label elements</b>	<b>Other hazards</b>
Not a hazardous substance or mixture.	Not a hazardous substance or mixture.	None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance / Mixture** : Substance

**Hazardous components**

CAS-NO.	CHEMICAL NAME	WEIGHT PERCENT
57-55-6	PROPYLENE GLYCOL	90 - 100

Any Concentration shown as a range is due to batch variation.

### SECTION 4. FIRST AID MEASURES

**General advice** : Do not leave the victim unattended.  
**If inhaled** If unconscious, place in recovery position and seek medical advice.

**In case of skin contact** : Wash off with soap and water. Wash contaminated clothing before reuse.  
Get medical attention if irritation develops and persists.

**In case of eye contact** : Remove contact lenses. Protect unharmed eye.  
If eye irritation persists, consult a specialist.

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**If swallowed** : 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.

### SECTION 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Carbon dioxide (CO<sub>2</sub>)  
Foam  
Dry chemical

**Unsuitable extinguishing media** : High volume water jet

**Specific hazards during fire-fighting** : Do not allow run-off from fire fighting to enter drains or water courses.

**Hazardous combustion products** : No hazardous combustion products are known

**Further information** : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Special protective equipment for firefighters** : 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.  
Keep in suitable, closed containers for disposal.

**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

CAS-NO.	COMPONENTS	VALUE TYPE (FORM OF EXPOSURE)	CONTROL PARAMETERS / PERMISSIBLE CONCENTRATION	BASIS
57-55-6	PROPYLENE GLYCOL	TWA	10 MG/M3	US WEEL

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### Personal protective equipment

#### 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	: liquid
Colour	: Clear, colorless
Odour	: odourless, mild
Odour Threshold	: No data available
pH	: 7 @ 20 - 25 °C (68 - 77 °F)
Freezing Point (Melting point/freezing point)	: -60 - -20 °C (-76 - -4 °F)
Boiling Point (Boiling point/boiling range)	: 184 - 188 °C (363 - 370 °F)
Flash point	: 103 °C (217 °F)
Evaporation rate	: < 0.02
Flammability (solid, gas)	: No data available
Upper explosion limit	: 17.4 %(V)
Lower explosion limit	: 2.4 %(V)
Vapour pressure	: < 0.225 mmHg @ 25 °C (77 °F)
Relative vapour density	: < 2.62 @ 15 - 32 °C (59 - 90 °F) (Air = 1.0)
Relative density	: 1.03 - 1.04 @ 20 - 25 °C (68 - 77 °F) Reference substance: (water = 1)
Density	: 1.03 - 1.04 g/cm <sup>3</sup> @ 20 - 25 °C (68 - 77 °F)
Solubility(ies) Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-	: log Pow: -1.07 - -0.92

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octanol/water	: 371 - 400 °C
Auto-ignition temperature	
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: 43 - 56 mPa.s @ 20 - 25 °C (68 - 77 °F)
Viscosity, kinematic	: 42.1 mm <sup>2</sup> /s @ 25 °C (77 °F) < 20 mm <sup>2</sup> /s @ 40 °C (104 °F)
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.
Possibility of hazardous reactions	: 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

#### Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

#### Further information

#### Product:

Remarks: No data available

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

#### Components:

57-55-6: : anaerobic  
Biodegradability Biodegradation: 98 %  
Exposure time: 105 d

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

**Product:** : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric  
Ozone-Depletion Potential Ozone - CAA Section 602 Class I  
Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or  
Class II ODS as defined by the U.S.  
Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

**Additional ecological information** : No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

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

### SECTION 14. TRANSPORT INFORMATION

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

**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG-Code:** Not regulated as a dangerous good

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### SECTION 15. REGULATORY INFORMATION

**WHMIS Classification** : Not controlled.

#### **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 requirements 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 Section 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.

### SECTION 15. REGULATORY INFORMATION

Pennsylvania Right To Know	57-55-6	Propylene glycol	90 - 100 %
New Jersey Right To Know	57-55-6	Propylene glycol	90 - 100 %

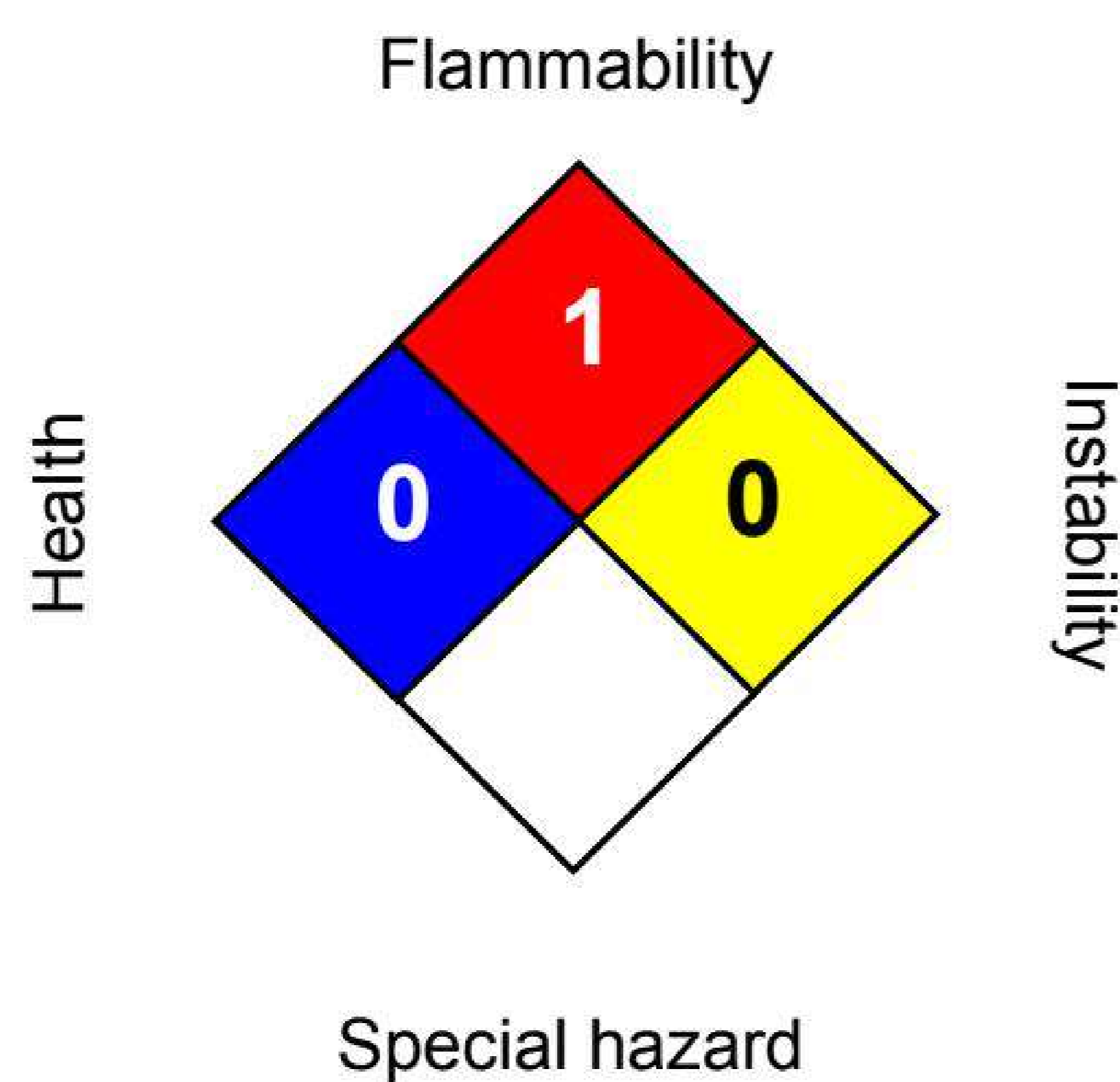
**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

<b>TSCA</b>	: On TSCA Inventory
<b>DSL</b>	: All components of this product are on the Canadian DSL
<b>AICS</b>	: On the inventory, or in compliance with the inventory
<b>NZIoC</b>	: On the inventory, or in compliance with the inventory
<b>ENCS</b>	: On the inventory, or in compliance with the inventory
<b>KECI</b>	: On the inventory, or in compliance with the inventory
<b>PHIL</b>	: On the inventory, or in compliance with the inventory
<b>IECSC</b>	: On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (1-855-429-2661) [SDSNA@univarsolutions.com](mailto:SDSNA@univarsolutions.com).

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Revision Date : 11/11/2023

Legacy SDS: : R0001100

**Material number:**

16203186, 16193299, 16192415, 16178156, 16180288, 16147174, 16148688, 16159933, 16145823, 16165877, 16145717, 16165322, 16165124, 16136970, 16150123, 16145182, 16145819, 16155306, 16144118, 16145968, 16144504, 16141604, 104078, 104203, 16140476, 16133872, 16132175, 16119183, 16062234, 755363, 754542, 556603, 554048, 206198, 206196, 551388, 206197, 206195, 75467, 72424, 129954, 108229

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

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