

Safety Data Sheet

Monopropilenglicol USP K

Version 1.2

Revision Date: 12/14/2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Monopropilenglicol USP K

Recommended use of the chemical and restrictions on use

Recommended use : Food/Drug
Kosher

Manufacturer or supplier's details

Company : Univar Solutions México, S. de R.L. de C.V.
Address : Av. Xola, número 535, piso 2, Col. Del Valle Norte
Deleg. Benito Juárez CP 03103
Ciudad de México
Mexico

Emergency telephone number:

Transport North America: CHEMTREC (1-800-424-9300)

CHEMTREC INTERNATIONAL Tel # 703-527-3887

SETIQ 800 00 214 00 / 55 55 59 15 88

Additional Information: : Responsible Party: Product Compliance Department
E-Mail: SDSLA@univarsolutions.com
SDS Requests: 55 1107 0170
Website: www.univarsolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

This SDS was prepared according to NOM-018-STPS-2015.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Hazardous components

No hazardous ingredients

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.
If symptoms persist, call a physician.
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.

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If swallowed	Protect unharmed eye. If eye irritation persists, consult a specialist.
	: 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.
Most important symptoms and effects, both acute and delayed	: None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Carbon dioxide (CO ₂) 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
Specific extinguishing methods	: 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.
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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.
Hygiene measures	: General industrial hygiene practice.
Conditions for safe storage	: Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: No materials to be especially mentioned.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection	:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type	:	Organic vapour type
Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	Clear, Colorless
Odour	:	odorless, 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 (Butyl Acetate = 1)
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 ³ @ 20 - 25 °C (68 - 77 °F)
Solubility(ies)	:	
Water solubility	:	soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	log Pow: -1.07 - -0.92
Auto-ignition temperature	:	371 - 400 °C

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Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: 43 - 56 mPa.s @ 20 - 25 °C (68 - 77 °F)
Viscosity, kinematic	: 42.1 mm ² /s @ 25 °C (77 °F)
	< 20 mm ² /s @ 40 °C (104 °F)
Surface tension	: 71.6 mN/m, 21.5 °C

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
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

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

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Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-909-4897
- 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

MX-DG(Mexico Road Transportation): Not regulated as a dangerous good

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

IMDG (International Maritime Dangerous Goods): Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

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

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

SECTION 16. OTHER INFORMATION

Further information

Other information : 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 (55 1107 0170) SDSLA@univarsolutions.com.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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-	NIOSH	National Institute

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CNS	Domestic Substances List		for Occupational Safety & Health
CAS	Central Nervous System	NTP	National Toxicology Program
EC50	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EGEST	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EOSCA	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EINECS	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
MAK	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
GHS	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
>=	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
IC50	Greater Than or Equal To	STEL	Short-term Exposure Limit
IARC	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IECSC	International Agency for Research on Cancer	TLV	Threshold Limit Value
ENCS	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
KECI	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
<=	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 Sys-



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LC50

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Lethal Concentration 50%