

**Safety Data Sheet****GLYCERINE 99.7% MOO**

Version 1.0

Revision Date: 04/27/2021

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION****Product name** : GLYCERINE 99.7% MOO**Recommended use of the chemical and restrictions on use**

Recommended use : Industrial chemical

**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**

CAS-No.	Chemical name	Weight percent
56-81-5	Glycerine	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.  
If symptoms persist, call a physician.  
**In case of skin contact** : Wash off with soap and plenty of water.  
**In case of eye contact** : Protect unharmed eye.  
If eye irritation persists, consult a specialist.

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- If swallowed : Keep respiratory tract clear.  
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 : Use an extinguishing media appropriate for surrounding fire.  
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 : Use a water spray to cool fully closed containers.  
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.
- 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.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Components with workplace control parameters

CAS-No.	Components	Value type (Form of	Control parameters / Permissible	Basis

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		exposure)	concentration	
56-81-5	Glycerine	LMPE-PPT	10 mg/m <sup>3</sup>	MX OEL
		LMPE-PPT (Mist)	10 mg/m <sup>3</sup>	MX OEL
		VLE-PPT (Mist)	10 mg/m <sup>3</sup>	NOM-010- STPS-2014

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.  
In the case of vapour formation use a respirator with an approved filter.

#### Hand protection

Remarks : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Protective suit

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid, viscous  
 Colour : Clear, Colorless  
 Odour : slight, odorless  
 Odour Threshold : No data available  
 pH : neutral  
 Freezing point (Melting point/range) : 18 - 22 °C (64 - 72 °F)  
 Boiling point (Boiling point/boiling range) : 288 - 295 °C (550 - 563 °F)  
 (1013 hPa)  
 Flash point : 198.9 °C (390.0 °F)  
 Method: Pensky-Martens closed cup  
 Evaporation rate : No data available  
 Flammability (solid, gas) : No data available  
 Upper explosion limit : Not applicable  
 Lower explosion limit : Not applicable  
 Vapour pressure : 0.0025 mmHg @ 50 °C (122 °F)  
 Relative vapour density : 3.2 @ 20 - 25 °C (68 - 77 °F)  
 (Air = 1.0)  
 Relative density : 1.26 @ 20 - 25 °C (68 - 77 °F)  
 Reference substance: (water = 1)  
 Density : 1.26 g/cm<sup>3</sup> @ 20 - 25 °C (68 - 77 °F)  
 Solubility(ies)  
 Water solubility : soluble  
 Solubility in other solvents : completely miscible  
 Solvent: Alcohol

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	slightly soluble Solvent: Acetone
	insoluble Solvent: Ether
	insoluble Solvent: Chloroform
Partition coefficient: n-octanol/water	: log Pow: -2.6
Auto-ignition temperature	: 370 - 400 °C
Thermal decomposition	: > 200 °C
Viscosity	
Viscosity, dynamic	: 1,410 mPa.s @ 20 °C (68 °F)
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**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.
Incompatible materials	: Strong oxidizing agents Strong acids Nitric acid chromium trioxide potassium chlorate potassium permanganate Acetic anhydride Chromium oxides Alkali metals metal hydrides peroxides
Hazardous decomposition products	: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Thermal decomposition can lead to release of irritating gases and vapours. Nitrogen oxides (NOx) acrolein

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**SECTION 11. TOXICOLOGICAL INFORMATION****Aspiration toxicity****Product:**

No aspiration toxicity classification

**Further information****Product:**

Remarks: No data available

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability****Product:**

Biodegradability : Remarks: Readily biodegradable

**Components:****56-81-5:**Biodegradability : aerobic  
Inoculum: Activated sludge, domestic, adaption not specified  
Result: Readily biodegradable.  
Biodegradation: 94 %  
Exposure time: 24 d**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: The substance has low potential for bioaccumulation.

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

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

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**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**

Remarks : Not classified as dangerous in the meaning of transport regulations.

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**SECTION 15. REGULATORY INFORMATION****The components of this product are reported in the following inventories:**

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

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

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#### 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-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 Chemi-	PEL	Permissible Exposure Limit

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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%