

## SAFETY DATA SHEET

*In accordance with the criteria of Regulation No 1907/2006 (REACH) with further changes*

### SECTION 1: Identification of the substance / mixture and of the company

#### 1.1 Product identifier:

Product name: Vegetable Glycerine <99,5 % USP/EP Food/Cosmetic Grade  
Other name: 1,2,3-glycerol, glycerol, trihydroxy alcohol, glycerol E422  
INCI: Glycerine  
CAS number: 56-81-5

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Raw material in liquid form dedicated to following industries: pharmacy, cosmetic, food.

#### 1.3 Details of the supplier of the safety data sheet:

Supplier: **Sobucky Poland sp. z o.o. Sobucky Ltd sp.k.**  
Address: Tomasza Zana 11 A, 20-601 Lublin, Poland  
Phone: (+48) 530 900 757  
E-mail address of the person responsible for the information card: [info@sobucky.com](mailto:info@sobucky.com)

#### 1.4 Emergency telephone number:

112 (general emergency phone number)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to 1272/2008/EC  
The product is not classified as hazardous under current legislation

#### 2.2 Label elements

Warning Symbol: - None

#### 2.3 Other hazards

Not applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Glycerol 99,5 %  
CAS no.: 56-81-5  
WE no.: 200-289-5

**3.2 Mixtures**

Hazardous components:

Component	CAS	Einecs	w/w %	Classification according to the Regulation (EC) No 1272/2008
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Full text of H - phrases in section 16

**SECTION 4: FIRST AID MEASURES**

The usual precautions for handling chemicals should be applied. In case of any symptoms of concern – call medical help

**4.1 Description of first aid measures**

**INHALANTION:** Remove from exposure to fresh air immediately. In case of lack of breathing, apply artificial respiration. Get medical aid if cough or other symptoms appear.

**SKIN CONTACT:** Wash with water and soap. Remove contaminated clothes. If irritation persists or any tissue damage effect is apparent, obtain medical advice.

**INGESTION:** If swallowed accidentally, do not induce vomiting. Rinse mouth with water and give 2 glasses of water. Obtain medical attention.

**EYE CONTACT:** Immediately wash out with plenty of water for at least 15 minutes, also under the eyelids. If irritation persists consult with an ophthalmologist

**4.2 Most important symptoms and effects, both acute and delayed**

May cause slight irritation to eyes. May cause slight irritation to skin. May cause gastro-intestinal irritation with nausea and vomiting

**4.3 Indication of any immediate medical attention and special treatment needed**

Lack of indication

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Extinguishing media: Foam, carbon dioxide or dry agent  
Inadvisable: Direct water jet

### 5.2 Special hazards arising from the substance or mixture

Flash point: 180°C  
At incomplete combustion, carbon monoxide may be generated, acrolein may be emitted.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Wear suitable respiratory equipment. Cool down containers with water from safe distance to prevent bursting.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel:

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid contact with spilled material. Danger of slipping, do not pass through spilled material. Wear adequate personal protective equipment. Do not allow the product to get into mouth.

#### For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8. Suitable and unsuitable materials See Section 10.5. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions.

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

### 6.3 Methods and material for containment and cleaning up

Soak up with liquid-binding material (e.g. sand, universal binding agent, diatomaceous earth). Collect spilled material in containers. Disposal in accordance with the local legislation. Clean the contamination place

### 6.4 References to other sections

No reference

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Do not inhale vapours. Ensure adequate ventilation. Before break and after work wash carefully hands. Keep not used containers tightly closed. Do not allow the product to get into mouth and eyes.

### 7.2 Conditions of safe storage, including any incompatibilities

Keep containers tightly closed in cool, dry and well-ventilated area. Keep away from food, beverages or feed for animals. After opening seal the container and store in an upright position to prevent leakage. Avoid heat and ignition sources. Keep away from direct sunlight. Tightly seal unused container. Store at 5-25°C.

### 7.3 Specific end use(s).

No information about the applications other than those listed in subsection 1.2.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Component	CAS	NDS (mg/m <sup>3</sup> )	NDSch (mg/m <sup>3</sup> )	NDSP (mg/m <sup>3</sup> )
<i>Glycerol</i>	<b>56-81-5</b>	<b>10</b>	-	-

### 8.2 Exposure controls

Control procedure:	Ensure adequate ventilation.
Respiratory protection:	Under normal use respirator is not required. However, if applied under circumstances where a mist is likely to appear handle using a fume cupboard or use engineering control system allowing an exhausted air to be mechanically removed from the working area.
	<u>Personal protection:</u> Precautions to avoid contact with skin and eyes are advisable when handling the product
	<u>Hand protection:</u> Wear appropriate gloves to prevent skin exposure
	<u>Eye protection:</u> Wear safety glasses with side shields
	<u>Industrial hygiene</u> Change contaminated clothing. Wash hands after work with the product

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:: Liquid. Colour – colourless to pale yellow

Odour:	characteristic
pH value:	from 5 to 7
Boiling point:	100-130
Flash point:	180°C /the closed-cup method/
Melting/freezing point, [°C]:	-10
Relative density:	1,100 - 1,200 g/cm <sup>3</sup> (at 20°C)
Viscosity:	No data
Solubility in water:	Yes

## 9.2 Other information

Lack of other information

## SECTION 10: STABILITY AND I REACTIVITY

### 10.1 Reactivity

Not reactive

### 10.2 Chemical stability

Mixture is stable.

### 10.3 Possibility of hazardous reactions

Lack of hazardous reactions

### 10.4 Conditions to avoid

Keep away from heat and sources of ignition

### 10.5 Incompatible materials

Lack of incompatible materials

### 10.6 Hazardous decomposition products

No data

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity: Yes

Acute toxicity - orally: LD50 12600 mg/kg (rat)

Acute toxicity - skin: LD50 > 10000 mg/kg (rat, OECD 402))

Acute toxicity - inhalation: LC50 > 570 mg/m<sup>3</sup>/1h (rat)

Irritating effect:	No
Serious eye damage / eye irritation:	No
Respiratory or skin sensitization:	No
Corrosive effect:	No
Sensitization:	No
Carcinogenicity:	No
Mutagenic effects:	Not applicable
Effects on reproduction:	Not applicable

## SEKTION 12: ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.  
Do not allow to enter into public sewers and watercourses.

### 12.1 Toxicity

Toxicity to fish: LC50> 10000mg / l (Leuciscus idus); LC50> 5000mg/l/96h

Toxicity to daphnia: EC50> 10000mg/l/24g (Daphnia magna)

Toxicity to algae: EC0> 10000mg/l/7d (Scenedesmus quadricauda); LC0 2900 mg / l (Mocrocystis aeruginosa)

Toxicity to bacteria: EC50> 10000mg/l/16h (Pseudomonas putida)

### 12.2 Persistence and degradability

Not available

### 12.3 Bioaccumulative potential

Not available .

### 12.4 Mobility in soil

Not available

### 12.5 Results of PBT and vPvB assessment

Not available

### 12.6 Other adverse effects

Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product: Do not empty into drains. This material and its container must be disposed of in a safe way.

Disposal should be in accordance with local, state or national legislation.

Flammable mixture. Do not pour the mixture into the sewage system. In order to remove used packaging and waste mixture, contact an authorized waste disposal company.

## SECTION 14: TRANSPORT INFORMATION

ADR / RID

### 14.1 UN number

Not available

### 14.2 UN proper shipping name

Not available

### 14.3 Transport hazard class(es)

Not available

### 14.4 Packing group

Not available

**14.5 Environmental hazards**

Not available

**14.6 Special precautions for user**

Lack of special precautions for user

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not available

**SECTION 15: REGULATORY INFORMATION****15.1. Legal regulations related to safety, health and environmental protection principles specific for the substance i mixture.**

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**Regulation (EC) No 1272/2008** of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).

**Commission Regulation (EU) No 2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

**15.2. Chemical safety assessment.**

There is no data concerning chemical safety assessment performed for this mixture.

**SECTION 16: OTHER INFORMATION**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations.

The information contained herewith is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements. It does not guarantee any specific properties. It does not assure any safe conditions of work if used out of line of normal handling or inconsistently with normal ways of application and occupational practices.