



According to Regulation (EC) No. 878/2020  
Version 1 Revision Date: 25-06- 2025

# MATERIAL SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

Product name: **BIOSOL-VEG**

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

Recommended use: industrial use product, preparations for cosmetic use, solubilizer

Industrial use: uses of substances as it is or in preparations at industrial sites

Not recommended uses: other uses not specified in MSDS, uses not foreseen by technical documentation

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

Company: NATURALIS Srl  
Legal office: Via Valassina 64  
20851 Lissone (MB)-ITALY  
Operative office: Via Berlino 15/17,  
20831, Seregno (MB)-ITALY

Tel. e fax Tel. 0362/231052  
e-mail [info@naturalis.it](mailto:info@naturalis.it)

### 1.4 Emergency telephone number

Emergency Phone # : +39 02-6610-1029 (Centro Antiveleni Niguarda Ca' Granda – Milano)  
Centro antiveleno - Centro Nazionale di Informazione Tossicologica - Pavia - Tel. 0382/24444  
Centro Antiveleno - Università di Roma, Policlinico Umberto I - Roma - Tel. 06/49978000  
Centro Antiveleno - Azienda Ospedaliera Papa Giovanni XXII - Bergamo - Tel. 800883300  
Centro Antiveleno - Azienda Ospedaliera Univ. Foggia - Foggia - tel. 80018459  
Centro Antiveleno - Ospedali Riuniti Cardarelli (c/o Usl 40) - Napoli - Tel. 081/7472901  
Centro Antiveleno - Azienda Ospedaliera "Careggi" U.O Tossicologia Medica - Firenze - 055/947819  
Centro Antiveleno - Osp. Pediatrico Bambino Gesù Dip. Emergenza e Accettazione DEA - Roma - Tel. 06 68593726  
Centro Antiveleno - Policlinico A. Gemelli - Roma - Tel. 06-3054343  
Centro Antiveleno - Azienda Ospedaliera Integrata Verona - Verona - Tel. 800011858

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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Serious eye damage/eye irritation 2A  
H318 Causes serious eye damage  
H315 Causes Skin Irritation

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## 2.2 Label elements



Hazard pictograms:

Hazard indications:

H315 Causes Skin Irritation

H318 Causes serious eye damage

Precautionary advices:

P280 Wear eye/face protection

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special provisions: none

Special provisions based on Annex XVII of REACH and subsequent adaptations: none

## 2.3 Other hazards

No Substance PBT, vPvB or endocrine interfering agent present in concentration  $\geq 0.1\%$

Other hazards: None

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixture

Ingredients	CAS	EC	Classification	%
Caprylic/Capric Glycerides	-	-	-	40.0 – 60.0
Polyglyceryl-10 Esters				
Lauryl Glucoside	110615-47-9	-	Eye damage 1, H318; Skin Irritation 2, H315	30.0 – 50.0
Glycerin	56-81-5	200-289-5	-	5.0 – 15.0

UFI CODE: VTD1-20PV-D00W-12RU

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### In case of skin contact

Wash thoroughly with soap and water.

#### In case of eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Remove contact lenses, if present and easy to do. Continue rinsing.

#### If swallowed

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Absolutely do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY.

**If inhaled**

Take the injured to fresh air and keep warm and at rest.

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

Synptoms/effects after eye contact: Causes eye irritation.

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

none

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**5. FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water, Carbon dioxide (CO<sub>2</sub>).

Extinguishing media that must not be used for safety reasons: no one in particular.

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

Do not inhale gases produced by explosion and combustion.

Burning produces heavy smoke.

**5.3 Advice for firefighters**

Do not enter the area without proper protective equipment, including respiratory protection.

Fight fire with normal precautions from a reasonable distance.

Wear fire/flamm resistant/retardant clothing.

Wear self-contained breathing apparatus.

Collect contaminated water used to extinguish the fire separately. Do not discharge it into the sewer system.

If it is safe to do so, move undamaged containers out of the immediate danger area.

**5.4 Further information**

no data available

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**6. ACCIDENTAL RELEASE MEASURES**

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

Wear personal protective equipment. Safety glasses.

Avoid contact with eyes.

Move people to a safe place.

Consult the protective measures set out in points 7 and 8.

**6.2 Environmental precautions**

Prevent penetration into soil/subsoil. Prevent runoff to surface water or to the sewer system.

Retain contaminated washing water and dispose of it.

In case of gas escape or of entry into water courses, soil or sewage system, inform the responsible authorities.

Material suitable for collection: absorbent material, organic, sand, earth.

**6.3 Methods and materials for containment and cleaning up**

Absorb spilled material with sand or earth. Collect spillage.

**6.4 Reference to other sections**

For disposal see section 13.

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**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

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Avoid contact with skin and eyes, inhalation of vapors and mists.  
Please also refer to paragraph 8 for the recommended protective devices.  
General recommendations on occupational hygiene:  
Do not eat, drink or smoke during use.  
Contaminated clothing must be changed before entering in dining areas.  
Wash hands after use

### **7.2 Conditions for safe storage, including any incompatibilities**

Protect from direct sunlight. Keep containers tightly closed and store them in a cool, dry place. Adequately ventilate the rooms.  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Indication for locals:  
Adequately ventilated premises. Keep in tightly closed original containers

### **7.3 Specific end uses**

No particular use

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

### **8.1 Control parameters**

#### **Components with workplace control parameters**

No occupational exposure limits are available  
DNEL exposure limit values  
N.A.  
PNEC exposure limit values  
N.A.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### **Personal protective equipment**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### **Respiratory protection**

Special respiratory protection is not required

Thermal risks: No one.

Environmental exposure controls: No one.

Suitable technical controls: No one.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Clear Viscous Liquid
Colour:	Colorless to Pale yellow
Odour:	Characteristic
Melting Point:	N/A
Boiling Point:	N/A
Inflammable:	N/A
Inferior and Superior explosivity limit:	N/A
Inflamability Point:	N/A
Self-ignition temperature:	N/A
Decomposition temperature:	N/A
pH:	7 - 11
Kinematics viscosity :	N/A
Water solubility:	N/A
Oil solubility:	N/A
Distribution coefficient n-octanol/water (log value):	N/A
Vapour pressure:	N/A
Density or relative density:	1,100 – 1,250
Relative vapour density:	N/A
Particles characteristics:	
Particles size:	N/A

### 9.2 Other safety information

Explosive properties:	non explosive
Oxidizers properties:	non oxidizer
Viscosity:	N/A

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable in normal condition

### 10.2 Chemical stability

Stable in normal condition

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

### 10.4 Conditions to avoid

Stable at standard conditions

### 10.5 Incompatible materials

Strong acids and alkalis, Strong oxidants.

### 10.6 Hazardous decomposition products

Cox

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects defined in Regulation (CE) n.1272/2008

#### Acute toxicity

Caprylic/Capric Glycerides Polyglyceryl-10 Esters test: LD50 Oral rat > 2000 mg/kg

Lauryl Glucoside test: LD50 Oral rat > 2000 mg/kg

Unless otherwise specified, the data required by Regulation (EU) 2020/878 indicated below are to be understood as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation: Causes serious eye irritation
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) specific target organ toxicity (STOT) - single exposure;
- i) specific target organ toxicity (STOT) - repeated exposure;
- j) danger in case of aspiration.

### 11.2. Information about other hazards

Endocrine interfering properties:

No endocrine interfering agent present in concentration  $\geq 0.1\%$

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use according to good working practices, avoiding dispersal of the product in the environment.

N.A.

### 12.2 Persistence and degradability

N.A.

### 12.3 Bioaccumulative potential

N.A.

### 12.4 Mobility in soil

N.A.

### 12.5 Results of PBT and vPvB assessment

PTB: None. vPvB: None.

### 12.6. Endocrine disrupting properties

No endocrine disruptors present in concentration  $\geq 0.1\%$

### 12.7 Other adverse effects

None

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### 13. DISPOSAL INFORMATION

#### 13.1 Waste treatment methods

Recover if possible. Operate according to local and national regulations.

#### Contaminated packaging

Dispose of as unused product.

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### 14. TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

#### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID:

- IMDG: -

IATA: -

#### 14.4 Packaging group

ADR/RID:

- IMDG: -

IATA: -

#### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

#### 14.6 Special precautions for user

no data available

#### 14.7 Maritime transport in bulk in accordance to IMO acts

N/A

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### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.1. Safety, health and environmental laws and regulations specific to the substance or mixture

Legislative Decree 04/09/2008 n. 81

Ministerial Decree Work 02/26/2004 (Occupational exposure limits)

Regulation (EC) no. 1907/2006 (REACH)

Regulation (EC) no. 1272/2008 (CLP)

Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) no. 2020/878

Regulation (EU) no. 286/2011 (ATP 2 CLP)

Regulation (EU) no. 618/2012 (ATP 3 CLP)

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Regulation (EU) no. 487/2013 (ATP 4 CLP)  
Regulation (EU) no. 944/2013 (ATP 5 CLP)  
Regulation (EU) no. 605/2014 (ATP 6 CLP)  
Regulation (EU) no. 2015/1221 (ATP 7 CLP)  
Regulation (EU) no. 2016/918 (ATP 8 CLP)  
Regulation (EU) no. 2016/1179 (ATP 9 CLP)  
Regulation (EU) no. 2017/776 (ATP 10 CLP)  
Regulation (EU) no. 2018/669 (ATP 11 CLP)  
Regulation (EU) no. 2018/1480 (ATP 13 CLP)  
Regulation (EU) no. 2019/521 (ATP 12 CLP)  
Regulation (EU) no. 2020/217 (ATP 14 CLP)  
Regulation (EU) no. 2020/1182 (ATP 15 CLP)  
Regulation (EU) no. 2021/643 (ATP 16 CLP)

Restrictions relating to the product or the substances contained according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

Product Restrictions:

No restrictions.

Restrictions relating to the substances contained:

No restrictions.

Where applicable, refer to the following regulations:

Ministerial circulars 46 and 61 (Aromatic amines).

Directive 2012/18/EU (Seveso III)

Regulation 648/2004/CE (Detergents).

D.L. 3/4/2006 no. 152 Environmental regulations

Dir. 2004/42/CE (VOC Directive)

Provisions relating to EU directive 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

## **15.2 Chemical Safety Assessment**

no data available

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## **16. OTHER INFORMATION**

### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. NATURALIS S.R.L. shall not be held liable for any damage resulting from handling or from contact with the above product.

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