

Material Safety Data Sheet
according to Regulation (EC) No. 1907/2006

1 Identification of the substance/preparation and of the company/undertaking

- **Trade name:** Vege-Colagen
- **Application of the substance / the preparation:** Additive for cosmetic preparations
- **Supplier:**

Company	:	Elemental SRL Piata Cazarmii 15 Oradea, BH, România
Telephone	:	+40259436.755
Telefax	:	+40259436.755
E mail address	:	office@elemental.eu
- **Information in case of emergency call:**

RO: 021 318 3606
Biroul pentru Regulamentul Sanitar Internațional și Informare Toxicologică

2 Hazards identification

- **Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

CAS No.	Description	Concentration
CAS: 7732-18-5 EINECS: 231-791-2	Water	70.0 - 75.5%
CAS: 66455-27-4 EINECS: 310-127-6	Glycoproteins	20.0 - 25.0%
CAS: 84650-64-6 EINECS: 283-522-3	Salix Nigra (Willow) Extract	4.0 - 6.0%
CAS: 24634-61-5 EINECS: 246-376-1	Potassium sorbate	<input checked="" type="checkbox"/> Xi; R 36 0.45 - 0.55%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **After inhalation:**
 - Remove individual to fresh air
 - Seek medical treatment in case of complaints.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
If irritation develops, seek medical attention.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.
DO NOT give anything by mouth if the person is unconscious or is having convulsions.
If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** You are recommended to use an approved Self-Contained Breathing Apparatus (SCBA)
- **Additional information** In case of fire use normal fire fighting equipment

6 Accidental release measures




- **Person-related safety precautions:** In case of fire use normal fire fighting equipment
- **Measures for environmental protection:** Inform all downstream users of possible contamination.
Stop source of spill as soon as possible and notify site or duty manager.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Spill materials may be absorbed using sand, clay or non-combustible absorbent.
Do not place spill material back into original containers.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Information for safe handling:** Do not take internally
- **Storage:** Isolate from incompatible materials
Store in a cool dry well ventilated place.
Avoid all sources of ignition
- **Incompatible materials:** Strong Oxidisers

8 Exposure controls/personal protection

- **General protective and hygienic measures:** Have an emergency eye wash and shower available in immediate area.

- **Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.
- **Protection of hands:**  Impervious gloves
- **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses  
- **Body protection:** Impervious protective clothing

9 Physical and chemical properties

· General Information	
Form:	Liquid
Colour:	Light yellow Cloudy
Odour:	Weak, characteristic
Boiling point/Boiling range:	105°C
· Flash point:	> 93°C
· Specific gravity:	1.05
· Solubility in / Miscibility with	
water:	Soluble.

10 Stability and reactivity

- **Stable until:** Product is stable at normal room temperature
- **Electrical discharge:** Avoid open flames and sparks
- **Materials to be avoided:** Strong Oxidising agents
- **Dangerous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **LD/LC50 values relevant for classification:** Product values :
Oral LD50: Believed to be > 5.0g/kg
Dermal LD50: Believed to be >2.0 g/kg
- **on the skin:** Not expected to be irritating to the skin

- **on the eye:** Contact would be expected to cause transient redness if not washed out and left in the eye for an extended period of time.
No corneal or visual impairment is expected.
- **Inhalation:** Not expected to be toxic by inhalation
- **Ingestion:** Not expected to be toxic by ingestion
Acute exposure may result in gastrointestinal irritation with any or all of the following symptoms, nausea, vomiting, lethargy or diarrhoea.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
- **Carcinogenicity:** Not known to be Carcinogenic
- **Mutagenicity:** Not known to be Mutagenic
- **Reproductive & development toxicity:** Not known to be reproductive or developmental toxin

12 Ecological information

- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Recommendation** Care must be taken to prevent environment contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, national and EU laws, directives and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

14 Transport information

· Land transport ADR/RID (cross-border)

- **ADR/RID class:** Not regulated

· Maritime transport IMDG:

- **IMDG Class:** Not regulated
- **Marine pollutant:** No

· Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class:** Not regulated

· Transport/Additional information:

Not dangerous according to the above specifications.

15 Regulatory information

- **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Code letter and hazard designation of product:** U
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the relevant EU directives and regulations. The information in this MSDS should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product.

- **Relevant R-phrases** R36 Irritating to eyes

- **Legal disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.