

Material safety data sheet SDS

According to EU Regulation 1907/2006 in the current version

Baicalin Vita Active

1. Identification of the substance/mixture and company

Product name: Baicalin Vita Active
 INCI: Propanediol, Water, Baicalin
 Uses: Cosmetic ingredient
 Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
 Tel/Fax: +40259-436.755, www.ellemental.com
 Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
 International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Not classified according to the Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictogram:

Signal word:---

Hazard statements:---

Precautionary statements:---

2.3. Other hazards

None. Not identified as PBT or vPvB according to the Annex XIII of the Regulation (EC) No. 1907/2006 as amended.

3. Declaration of ingredients

3.1 Substances

no

3.2 Mixtures

[EU]	CAS	EINECS	CLASIFICATION
Propanediol 90 - 97 %	504-63-2/26264-14-2	207-997-3	
Aqua 0,5 - 9,5 %	7732-18-5	231-791-2	
Baicalin 0,7 - 1,5 %	94279-99-9	304-845-9	

Preservatives none 0 % --- ---

See full text of the hazard and risk phrases in section 16

4. First aid measures

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4.1 Description of first aid measures

Eye contact: Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediately medical attention.

Skin contact: Wash off with soap and plenty of water.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quit; seek immediately medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire fighting measures

5.1. Extinguishing media

Dry chemical

Alcohol type foam

Water spray, CO2

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not try to clean up the leak without the proper protective equipment.

6.2. Environmental precautions

Avoid liquid to enter sewer/public waters

Notify environmental authorities in case of large leaks.

6.3. Methods and material for containment and cleaning up

Absorb the small overflows with inert solids

6.4. Reference to other sections

No data available

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7. Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

7.2. Conditions for safe storage, including any incompatibilities

Store protected from light and humidity in tightly closed vessels at room temperature.

7.3. Specific end uses

No data available

8. Exposure controls / personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

Respiratory protection:

Not needed

Body protection:

Not needed

Eye protection:

Not needed

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	Yellow - Brown
Odour:	Characteristic.
Odour threshold:	No data available
pH:	<7.5, within the established safety limits: 2 - 11.5 (according to EC 440/2008 part B.4, OCDE n° 404).
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	105 °C
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	>1.000
Solubility:	Solubility in water: Soluble
Partition coefficient: n-octanol/water:	No data available

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Auto-ignition temperature:	400 °C
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information: No additional information available.

10. Stability and reactivity

- 10.1. Reactivity
No data available
- 10.2. Chemical stability
Stable under usual conditions
- 10.3. Possibility of hazardous reactions
Will not occur.
- 10.4. Conditions to avoid
Keep sources of ignition at a distance.
- 10.5. Incompatible materials
No data available
- 10.6. Hazardous decomposition

11. Toxicological information

- 11.1. Information on toxicological effects
- Acute toxicity:
No toxic
- Skin corrosion/irritation:
No irritant
- Eye Irritation:
No irritant
- Sensitisation:
No sensitizant
- Mutagenicity:
No mutagenic
- Carcinogenicity:
No carcinogenic
- Toxicity for reproduction:
No toxic
- Repeated dose

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12. Ecological information

12.1. Toxicity

Propanediol. Acute toxicity tests: Fish (Pimephales promelas) LC50 = 7417 mg/L, Daphnia magna EC50 = 7417 mg/L and growth inhibition of algae EC50 > 10000 mg/L (Supplier data)

12.2. Persistence and degradability

Propanediol: BOD5 = 1160000 mg/L (Supplier data)

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

The product or water contaminated must not be considered as dangerous residues. Eliminate according to the existing regulations.

14. Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

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Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.
14.5. Environmental hazards: ENVIRONMENTALLY HAZARDOUS:
No 14.6. Special precautions for user: No dangerous good in sense of this transport regulation.
14.7. Maritime transport in bulk according to IMO instruments: No dangerous good in sense of this transport regulation.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

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

Regulation (EC) No. 1272/2008 (CLP/EU-GHS)

Regulation (EC) No. 1223/2009 (Cosmetic Regulation)

EU regulatory information: 2004/42/EC (VOC): 0 %

Information acc. to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III).

National regulatory information:

Water hazard class (D): 3 highly hazardous to water (without published classification)

15.2 Chemical safety assessment:

For this substance a chemical safety assessment has not been carried out.

16. Additional information

16.1 Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -

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Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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.