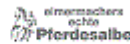


**Safety Data Sheet**  
**according to Regulation (EC) No.**  
**1907/2006 (REACH)**

**eimermacher** since 1910



**Trade name :** ENZBORN Bio Calendula Balm  
**Revision date :** 06.09.2023  
**Print date :** 04.12.2024

**Version :** 1.0.0

**SECTION 1: Identification of the substance/mixture and of the company/ undertaking**

**1.1 Product identifier**

ENZBORN Bio Calendula Balm

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

Cosmetics, personal care products

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

**Supplier**

Ferdinand Eimermacher GmbH & Co. KG

**Street :** Westring 24

**Postal code/City :** 48356 Nordwalde

**Country :** Deutschland

**Telephone :** +49 2573/9390-0

**Telefax :** +49 2573/2053

**Information contact :** info@eimermacher.de  
www.eimermacher.de

**1.4 Emergency telephone number**

Germany: Poisons Information Centre Berlin  
Charité – Universitätsmedizin Berlin  
Campus Benjamin Franklin  
Haus VIII, UG  
Hindenburgdamm 30  
D-12203 Berlin  
+49(0)30/30686 700, Internat. INFOTRAC +1 3523233500

**SECTION 2: Hazards identification**

This product is a cosmetic product and according to the regulation (EC) No. 1223/2009 it is exempted from classification and labelling pursuant to the regulation (EC) No. 1272/2008 (and its changes). When used properly, the product is safe and tolerable in accordance with the legal provisions. The following information applies to inadvertent misuse or accidents as well as possible commercial uses. Product may be flammable (see under Point 9).

**2.1 Classification of the substance or mixture**

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH)

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

None

**2.2 Label elements**

None

**2.3 Other hazards**

**Adverse human health effects and symptoms**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Adverse environmental effects**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous ingredients

Phosphoric acid, C16-18-alkyl esters, potassium salts ; REACH No. : 01-2119980742-30-XXXX ; EC No. : 291-907-2; CAS No. : 90506-45-9

Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

DIPENTENE (LIMONENE) ; REACH No. : 01-2119529223-47-XXXX ; EC No. : 205-341-0; CAS No. : 138-86-3

Weight fraction :  $\geq 0,1 - < 0,25 \%$   
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

##### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

When in doubt or if symptoms are observed, get medical advice.

##### Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

##### In case of skin contact

In case of skin reactions, consult a physician.

##### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. In case of eye irritation consult an ophthalmologist.

##### Following ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Seek medical advice immediately (poison centre).

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

##### Symptoms

Important or further important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11 (Toxicological information). (Further) symptoms and/or effects are not yet known.

In our experience, no special hazards are to be expected if the product is handled properly and is used as intended.

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

treatment: Symptoms (decontamination, vital functions), no known specific antidote.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

##### Suitable extinguishing media

Extinguishing powder , Carbon dioxide (CO2) , Foam , Sand

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

Thermal decomposition can lead to the escape of irritating gases and vapours.

#### 5.3 Advice for firefighters

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## Special protective equipment for firefighters

Full protection suit , Use suitable breathing apparatus.

### 5.4 Additional information

Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

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

See protective measures under point 7 and 8. Special danger of slipping by leaking/spilling product.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Clear contaminated areas thoroughly.

### 6.4 Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

It is recommended to design all work processes always so that the following is excluded: Inhalation of vapours or spray/mists

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

Keep container tightly closed and in a well-ventilated place.  
Protect against UV-radiation/sunlight , Heat.

#### Requirements for storage rooms and vessels

Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container. Keep container tightly closed.

#### Hints on joint storage

**Storage class (TRGS 510) :** 12

### 7.3 Specific end use(s)

Cosmetics, personal care products Observe instructions for use. see section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

GLYCEROL ; CAS No. : 56-81-5

Limit value type (country of origin) : TRGS 900 ( D )

Parameter : E: inhalable fraction

Limit value : 200 mg/m<sup>3</sup>

Peak limitation : 2(I)

Version : 27.10.2020

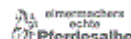
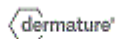
### 8.2 Exposure controls

#### Personal protection equipment

Use personal protection equipment.

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### Eye/face protection



Eye glasses with side protection EN 166

### Skin protection

#### Hand protection



**By short-term hand contact :** Hand protection is not required.

**By long-term hand contact :** Check leak tightness/impermeability prior to use.

Suitable material NBR (Nitrile rubber) , Butyl caoutchouc (butyl rubber)

Breakthrough time 480 min

Thickness of the glove material 5 mm

**Remark :** When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. EN ISO 374

#### Body protection

Wear anti-static footwear and clothing

Protective clothing. EN 13034 Natural fibres (e.g. cotton) , heat-resistant synthetic fibres

Chemical resistant safety shoes DIN EN 13832-2

### Respiratory protection

Usually no personal respiratory protection necessary.

### General information

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** emulsion

**Colour :** yellow

**Odour :** characteristic

#### Safety characteristics

**Physical state :**

Liquid

**Melting point/freezing point :**

not determined

**Initial boiling point and boiling range :** ( 1013 hPa )

not determined

**Decomposition temperature :**

not determined

**Flash point :**

not applicable

**Auto-ignition temperature :**

not applicable

**Lower explosion limit :**

not applicable

**Upper explosion limit :**

not applicable

**Vapour pressure :** ( 50 °C )

not applicable

**Density :** ( 20 °C )

0,926 - 0,932 g/cm<sup>3</sup>

**Solvent separation test :** ( 20 °C )

not applicable

**Water solubility :** ( 20 °C )

not determined

**Fat solubility :** ( 20 °C )

Not determined.

**pH :**

5 - 5,5

**log P O/W :**

not determined

**Flow time :** ( 20 °C )

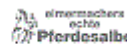
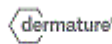
not applicable

DIN-cup 4 mm

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<b>Viscosity :</b>	( 20 °C )	3000 - 4000	mPa*s
<b>Cinematic viscosity :</b>	( 40 °C )	not relevant	
<b>Odour threshold :</b>		not determined	
<b>Relative vapour density :</b>	( 20 °C )	not determined	
<b>Vapourisation rate :</b>		not determined	
<b>Maximum VOC content (EC) :</b>		0,2	Weight-%
<b>Flammable solids :</b>	Not applicable.		
<b>Flammable gases :</b>	Not applicable.		
<b>Oxidising liquids :</b>	Not relevant.		
<b>Explosive properties :</b>	Not applicable.		
<b>Corrosive to metals :</b>	Not relevant.		

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

See section 7 of the safety data sheet.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Corrosion

Based on available data, the classification criteria are not met.

#### Irritation to respiratory tract

##### Practical experience/human evidence

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List. In rare cases the product can cause temporary erythema of the skin.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

Based on available data, the classification criteria are not met.

##### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

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## Reproductive toxicity

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

Endocrine disrupting potential:

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine damaging properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other indications of toxicity

The product has not been tested. The statements on toxicology were derived from the properties of the individual components.

## SECTION 12: Ecological information

### 12.1 Toxicity

The product has not been tested. The statement is derived from the properties of the single components.

### Aquatic toxicity

Based on available data, the classification criteria are not met.

### 12.2 Persistence and degradability

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

This product does not contain components in concentrations of 0.1% or higher which are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine damaging properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7 Other adverse effects

The product does not contain any substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### 12.8 Additional ecotoxicological information

#### Additional information

Do not allow uncontrolled discharge of product into the environment.

## SECTION 13: Disposal considerations

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**13.1 Waste treatment methods**

Dispose according to legislation.

**13.2 Additional information**

Non-contaminated packages may be recycled.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

No dangerous good in sense of these transport regulations.

**14.2 UN proper shipping name**

No dangerous good in sense of these transport regulations.

**14.3 Transport hazard class(es)**

No dangerous good in sense of these transport regulations.

**14.4 Packing group**

No dangerous good in sense of these transport regulations.

**14.5 Environmental hazards**

No dangerous good in sense of these transport regulations.

**14.6 Special precautions for user**

None

**14.7 Maritime transport in bulk according to IMO instruments**

No transport as bulk according to IBC Code.

**SECTION 15: Regulatory information**

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

**EU legislation**

The Product is subject to the German Cosmetics Ordinance.

**Authorisations and/or restrictions on use**

**Restrictions on use**

**Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no. : 40, 75

**National regulations**

**Technische Anleitung zur Reinhaltung der Luft (TA-Luft)**

Weight fraction (Number 5.2.5. I) : < 5 %

**Water hazard class**

Classification according to AwSV - Class : nwg (Non-hazardous to water)

**Other regulations, restrictions and prohibition regulations**

**Switzerland**

**VOCV-Regulation**

See section 9.1

**15.2 Chemical Safety Assessment**

For this mixture/preparation a chemical safety assessment has been carried out. For the following substances of this mixture/preparation a chemical safety assessment has been carried out :

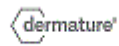
Phosphoric acid, C16-18-alkyl esters, potassium salts ; REACH No. : 01-2119980742-30-XXXX ; EC No. : 291-907-2; CAS No. : 90506-45-9

DIPENTENE (LIMONENE) ; REACH No. : 01-2119529223-47-XXXX ; EC No. : 205-341-0; CAS No. : 138-86-3

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### SECTION 16: Other information

#### 16.1 Indication of changes

None

#### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the carriage of Dangerous goods by Road  
ADN = European Agreement concerning the Carriage of Dangerous Goods by Inland Waterways  
ATE = Estimated values for acute toxicity  
AwSV = Ordinance on Installations for Handling Substances Hazardous to Water  
CAS = Chemical Abstract Service Number  
CE = European Community  
CLP = EC Regulation 1272/2008  
CMR = cancerogen mutagen reprotoxic  
DIN = German Institute for Standardisation  
DNEL = Derived No Effect Level  
DMEL = Derived Minimum Effect Level  
EC50 = Mean effective concentration that induces a defined effect other than death in a test population  
EG = European Community  
EN = European standards  
IATA = International Air Transport Association Dangerous Goods Regulation  
IBC-Code = International Code for the construction and equipment of ships carrying dangerous chemicals in large quantities  
IMDG = International Maritime Code for dangerous goods  
ISO = International Organization for Standardization  
LC50 = Lethal Concentration 50%  
LD50 = Lethal dose 50%  
MAK = Maximum workplace concentration  
MARPOL = International Convention for the Protection of the Marine Environment from Ship-generated Litter  
NOEC = No Observed Effect Concentration  
OECD = Organisation for Economic Cooperation and Development  
PBT = Persistent, bioaccumulative and toxic  
pH = potential of hydrogen  
PNEC = Predicted no effect concentration  
PPM = parts per million  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals (EC Regulation 1907/2006)  
RID = Regulation concerning the international transport of dangerous goods by train  
TRGS = Technical rules for hazardous substances (german rules)  
TWA = Time-weighted average exposure limit  
UN-Number = UN number for the transport of dangerous goods  
vPvB = Very Persistent and very Bioaccumulative as for REACH Regulation  
VOC = Volatile organic Compounds

#### 16.3 Key literature references and sources for data

None

#### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

This product is a cosmetic product and according to the regulation (EC) No. 1223/2009 it is exempted from classification and labelling pursuant to the regulation (EC) No. 1272/2008 (and its changes).

#### 16.5 Relevant H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



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**16.6 Training advice**

None

**16.7 Additional information**

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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