

according to Regulation (EC) No 1907/2006

Revision date: 10.11.2023

**Oenodose 5gr.**

Product code: 53111

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Oenodose 5gr.

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

|                          |                         |                     |
|--------------------------|-------------------------|---------------------|
| Company name:            | Erbslöh Geisenheim GmbH |                     |
|                          | Kundenservice           |                     |
| Street:                  | Erbslöhstr. 1           |                     |
| Place:                   | D-65366 Geisenheim      |                     |
| Telephone:               | 06722/708-0             | Telefax: 06722/6098 |
| e-mail:                  | info@erbsloeh.com       |                     |
| e-mail (Contact person): | info@erbsloeh.com       |                     |
| Internet:                | www.erbsloeh.com        |                     |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard components for labelling**

Dipotassium disulphite

**Signal word:** Danger**Pictograms:****Hazard statements**

H318 Causes serious eye damage.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.

P310 Immediately call a POISON CENTER/doctor.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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#### Hazardous components

| CAS No     | Chemical name                                 |          |          | Quantity    |
|------------|---|----------|----------|-------------|
|            | EC No   | Index No | REACH No |             |
|            | Classification (Regulation (EC) No 1272/2008) |          |          |             |
| 16731-55-8 | Dipotassium disulphite                        |          |          | 65 - < 70 % |
|            | 240-795-3                                     |          |          |             |
|            | Eye Dam. 1; H318                              |          |          |             |

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

| CAS No     | EC No  | Chemical name          | Quantity    |
|------------|--|------------------------|-------------|
|            | Specific Conc. Limits, M-factors and ATE   |                        |             |
| 16731-55-8 | 240-795-3  | Dipotassium disulphite | 65 - < 70 % |
|            | inhalation: LC50 = > 5,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2300 mg/kg |                        |             |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

##### After ingestion

Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

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

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

Non-flammable.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### General advice

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and

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clothes. Use personal protection equipment.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

##### **For cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

##### **Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

#### **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**

#### **Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid dust formation. Do not breathe dust.

#### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

#### **Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

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

#### **Requirements for storage rooms and vessels**

Keep container tightly closed.

#### **Hints on joint storage**

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### **8.1. Control parameters**

#### **DNEL/DMEL values**

| CAS No                   | Substance              | Exposure route | Effect   | Value                 |
|--------------------------|------------------------|----------------|----------|-----------------------|
| 16731-55-8               | Dipotassium disulphite |                |          |                       |
| Worker DNEL, long-term   |                        | inhalation     | systemic | 263 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |                        | inhalation     | systemic | 76 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |                        | oral           | systemic | 10 mg/kg bw/day       |

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#### PNEC values

| CAS No   | Substance              | Value     |
|--|------------------------|-----------|
| Environmental compartment                        |                        |           |
| 16731-55-8                                       | Dipotassium disulphite |           |
| Freshwater                                       |                        | 1,17 mg/l |
| Marine water                                     |                        | 0,12 mg/l |
| Micro-organisms in sewage treatment plants (STP) |                        | 88,1 mg/l |

#### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Suitable eye protection: goggles.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Use of protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |         |                |
|---|---------|----------------|
| Physical state:   | solid   |                |
| Colour:   | white   |                |
| Odour:  | neutral |                |
| Melting point/freezing point:                             |         | not determined |
| Boiling point or initial boiling point and boiling range: |         | not determined |
| Flammability:   |         | not determined |
| Lower explosion limits:                                   |         | not determined |
| Upper explosion limits:                                   |         | not determined |
| Flash point:  |         | not applicable |
| Auto-ignition temperature:                                |         | not determined |
| Decomposition temperature:                                |         | not determined |
| pH-Value (at 20 °C):                                      |         | 6,5            |
| Water solubility:   |         | easily soluble |
| Solubility in other solvents                              |         | not determined |

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|  |                |
|--|----------------|
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure:                       | not determined |
| Density:                               | not determined |
| Relative vapour density:               | not determined |

#### 9.2. Other information

##### Information with regard to physical hazard classes

###### Explosive properties

The product is not: Explosive.

###### Oxidizing properties

The product is not: oxidising.

##### Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

## 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 stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

none

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

##### Acute toxicity

| CAS No     | Chemical name                 |                         |         |        |           |
|------------|-------------------------------|-------------------------|---------|--------|-----------|
|            | Exposure route                | Dose                    | Species | Source | Method    |
| 16731-55-8 | Dipotassium disulphite        |                         |         |        |           |
|            | oral                          | LD50<br>mg/kg<br>2300   | Rat     |        | BASF Test |
|            | dermal                        | LD50<br>mg/kg<br>> 2000 | Rat     |        | OECD 402  |
|            | inhalation (4 h)<br>dust/mist | LC50<br>mg/l<br>> 5,5   | Rat     |        | OECD 403  |

#### 11.2. Information on other hazards

##### Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

#### 12.1. Toxicity

The product is not: Ecotoxic.

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| CAS No     | Chemical name            |       |           |         |                                |          |
|------------|--------------------------|-------|-----------|---------|--------------------------------|----------|
|            | Aquatic toxicity         | Dose  | [h]   [d] | Species | Source                         | Method   |
| 16731-55-8 | Dipotassium disulphite   |       |           |         |                                |          |
|            | Acute fish toxicity      | LC50  | 460 mg/l  | 96 h    | Danio rerio (zebrafish)        | OECD 203 |
|            | Acute algae toxicity     | ErC50 | 43,8 mg/l |         |                                |          |
|            | Acute crustacea toxicity | EC50  | 89 mg/l   | 48 h    | Daphnia magna (Big water flea) |          |
|            | Fish toxicity            | NOEC  | 316 mg/l  | 34 d    | Danio rerio (zebrafish)        | OECD 210 |
|            | Crustacea toxicity       | NOEC  | 10 mg/l   | 21 d    | Daphnia magna (Big water flea) | OECD 211 |

#### **12.2. Persistence and degradability**

The product has not been tested.

#### **12.3. Bioaccumulative potential**

The product has not been tested.

#### **12.4. Mobility in soil**

The product has not been tested.

#### **12.5. Results of PBT and vPvB assessment**

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

The product has not been tested.

#### **12.6. Endocrine disrupting properties**

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

#### **12.7. Other adverse effects**

No information available.

#### **Further information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### **Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

##### **14.1. UN number or ID 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.

#### **14.6. 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.

### SECTION 15: Regulatory information

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

##### EU regulatory information

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

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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

| Classification   | Classification procedure |
|------------------|--------------------------|
| Eye Dam. 1; H318 | Calculation method       |

#### Relevant H and EUH statements (number and full text)

H318 Causes serious eye damage.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.



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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*