

# Safety data sheet

## Terrawell® Granulat

Version 1.0

Effective date: 14-11-2024

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

#### 1.1 Product identifier.

**Product name:** Terrawell® Granulat.

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

**Product use:** For professional use only.

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

**Company:** Biodivercity Gmbh  
Speerstrasse 26A  
8942 Oberrieden  
Switzerland

#### 1.4 Emergency telephone number:

Use your national or local emergency number.  
UK: Contact The National Poisons Information Service (dial 111, 24 h service).

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture to CLP No 1272/2008/GB CLP.

Not classified.

#### 2.2 Label elements CLP No 1272/2008/GB CLP.

Not classified.

#### Additional labeling:

-

#### 2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances:

The product is a mixture.

#### 3.2 Mixture:

CAS/EC No	REACH No	Name	Content %	Classification CLP
91053-39-3 / 293-303-4	Exempted	Diatomaceous earth, Natural	50-100	Not classified.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures.

<b>General information:</b>	Get medical attention if any discomfort continues.
<b>Inhalation:</b>	Normally no hazard.
<b>Skin contact:</b>	Wash with soap and water.
<b>Eye contact:</b>	Remove contact lenses. Flush eyes with plenty of water for several minutes. Make sure you flush under the upper and lower eyelids. Do not rub eyes. If eye irritation persists get medical advice/attention.
<b>Ingestion:</b>	Rinse mouth with water and spit out. Get medical advice/attention if you feel unwell.

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

None known.

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

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Unsuitable extinguishing media:**  
None known.

**5.2 Special hazards arising from the substance or mixture:**  
In case of fire, harmful decomposition products may be formed, do not inhale.

**5.3 Advice for firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:**  
See section 8 for recommendations on the use of personal protective equipment.

**6.2 Environmental precautions:**  
Prevent entry to sewers and public waters.

**6.3 Methods and material for containment and cleaning up:**  
Collect mechanically.  
Place in suitable containers for disposal.

**6.4 Reference to other sections:**  
See section 8 for personal protection.  
See section 13 for disposal.

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### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment.

Do not eat, drink or smoke when using this product.

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

Store in a cool, dry, well-ventilated place.

Protect from moisture.

#### 7.3 Specific end use(s):

See section 1.2.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Occupational exposure limits EH40:

Contains no substances with occupational exposure limits.

##### DNEL / PNEC:

-

#### 8.2 Exposure controls.

##### Appropriate technical measures:

Normal room ventilation.

##### General information:

Always wash hands after use.

##### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

##### Respiratory protection:

Not required.

##### Hand protection:

Work gloves.

##### Eye protection:

Not required.

##### Body protection:

Normal work clothing.

##### Measures to avoid environmental exposure:

No special precautions are necessary.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state:

Granulate

Colour:

Beige

Odour:

No odour

Melting point

1400°C – 1450°C\*

Freezing point:

Not relevant/no data

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Boiling point:	Not relevant/no data
Flammability:	Not relevant/no data.
Lower and upper explosion limit:	Not relevant/no data
Flash point:	Not relevant/no data
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	>1300°C
pH:	Not relevant/no data
Kinematic viscosity:	Not relevant/no data
Solubility:	Insoluble in water
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	2.2 g/cm <sup>3</sup> *
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

\*Diatomaceous earth, Natural

### 9.2 Other information:

No data.

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Product is stable under normal, recommended conditions of handling and storage.
- 10.2 Chemical stability:** Product is stable under normal temperatures and pressures.
- 10.3 Possibility of hazardous reactions:**  
Hazardous reactions will not occur under normal transport or storage conditions.
- 10.4 Conditions to avoid:** Protect from moisture.
- 10.5 Incompatible materials:** Hydrogen fluoride.
- 10.6 Hazardous decomposition products:**  
None at recommended storage conditions and use.

## SECTION 11. TOXICOLOGICAL INFORMATION

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

<b>Acute toxicity:</b>	Not classified.
<b>Skin corrosion/irritation:</b>	Not classified.
<b>Serious eye damage/irritation:</b>	Not classified.
<b>Respiratory or skin sensitization:</b>	Not classified.
<b>Germ cell mutagenicity:</b>	Not classified.
<b>Carcinogenicity:</b>	Not classified.

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**Reproductive toxicity:** Not classified.

**Specific target organ toxicity - single exposure:** Not classified.

**Specific target organ toxicity – repeated exposure:** Not classified.

**Aspiration hazard:** Not classified.

### 11.2 Information on other hazards:

#### Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

**Other information:** -

## SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** Not classified.

**12.2 Persistence and degradability:**  
Not relevant for inorganic substances.

**12.3 Bioaccumulative potential:**  
No data available.

**12.4 Mobility in soil:** No data available.

**12.5 Result of PBT and vPvB assessment:**  
This mixture does not meet the criteria for PBT or vPvB according to REACH regulation 1907/2006.

**12.6 Endocrine disrupting properties:**  
The product/substance has no endocrine disrupting properties.

**12.7 Other adverse effects:** None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**  
Avoid discharge to drain or surface water. The coding of a waste stream is based on the application of the product by the consumer – end-user.

**Contaminated packing:** According to packaging material.

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### SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
<b>14.1 UN number or ID number</b>	Not relevant	Not relevant
<b>14.2 UN proper shipping name</b>	Not relevant	Not relevant
<b>14.3 Transport hazard class(es)</b>	Not relevant	Not relevant
<b>14.4 Packing group</b>	Not relevant	Not relevant
<b>14.5 Environmental hazards – MP EmS:</b>	No Not relevant	No Not relevant
<b>Other informations</b>	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

**14.6 Special precautions for user:**

Not relevant.

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

Not relevant.

### SECTION 15. REGULATORY INFORMATION

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

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

**Additional information:** None.

**15.2 Chemical safety assessment:**

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16. OTHER INFORMATION

#### Full text of H-phrases as mentioned in section 3:

-

#### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

#### Descriptions of possible used abbreviations:

BCF Bioconcentration factor.

BOD Biochemical Oxygen Demand.

CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).

COD Chemical oxygen demand.

DNEL Derived No-Effect Level.

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.

IMDG International Maritime Dangerous Goods Code.

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.

log KOW n-Octanol/water.

MARPOL International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").

PBT Persistent, Bioaccumulative and Toxic.

PNEC Predicted No-Effect Concentration.

UN RTDG UN Recommendations on the Transport of Dangerous Good.

vPvB Very Persistent and very Bioaccumulative.

#### Validated by:

SRS

[www.msds-eu.com](http://www.msds-eu.com)