

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

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

#### 1.1 Product identifier

**Commercial Product Name** : Fertilizer DEKASTIM TOP AG  
10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21  
**Unique Formula Identifier (UFI)** : FP04-50HD-Y00R-AWV

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

**Use of the Substance/Mixture** : Fertilizer. For consumers and professional users.

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

**Company (Distributor)** : HELLAGROLIP SA  
Pentelis 34A  
175 64, Palaio Faliro  
e-mail: [g.director@hellagrolip.com](mailto:g.director@hellagrolip.com)  
[www.hellagrolip.com](http://www.hellagrolip.com)  
**Telephone** : +30 2510 317127, +30 2130 037616  
**Fax** : +30 210 9408198

#### 1.4 Emergency telephone number

In case of medical emergencies, please contact your local poison control center.  
Company's Telephone: +30 2510 317127 and +30 2130 037616 (08:30 to 16:30).

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) - CLP**

Repr. 1B H360FD: May damage fertility. May damage the unborn child.

#### 2.2 Label elements CLP

**Hazard pictograms:**



GHS08

**Signal word:**

Danger

**Hazard Statements:**

H360FD May damage fertility. May damage the unborn child.

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### Precautionary Statements:

General: ---

**Prevention:** P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Response:** P308+P313: IF exposed or concerned: Get medical advice/attention.

**Storage:** P405: Store locked up.

**Disposal:** ---

**Hazardous components which must be listed on the label:**

---

**Hazardous components which must be listed on the label:**

---

### 2.3 Other hazards

No data available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

**Classified components according to EU Chemicals Legislation:**

Chemical name	CAS No	Classification (1272/2008/EC)	Concentration [%]
	EINECS No		
	Registration No		
Potassium dihydrogenorthophosphate	7778-77-0	Eye Irrit. 2, H319	8,7 – 9,7 %
	231-913-4		
	----		
Disodium octaborate	12280-03-4	Repr. 1B, H360FD	0,8 – 1,0 %
	234-541-0		
	01-21194908XX- X		

### Further information

The substance does not meet the criteria for classification according to Regulation (EC)No. 1907/2006 as PBT or vPvB.

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

- |                                |   |
|--------------------------------|---|
| <b>General advice</b>          | : In case of accident or if you feel unwell, seek for medical advice immediately. Show the label when possible and/or this safety data sheet to the doctor in attendance.   |
| <b>If inhaled</b>              | : Avoid inhalation. In case of inhalation, ask immediately for medical help.  |
| <b>In case of skin contact</b> | : After contact with skin, wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse.  |
| <b>In case of eye contact</b>  | : In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids open.   |
| <b>If swallowed</b>            | : Typically no exposure pathway.<br>If accidentally swallowed, rinse the mouth with plenty of water (only if the person is conscious) and ask immediately for medical help. |

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

Symptoms upon:

- **Inhalation:** Cough, Risk of pulmonary edema. Symptoms can appear later.
- **Skin contact:** None known
- **Eye contact:** May cause eye irritation.
- **Ingestion:** No data available

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

Provide symptomatic treatment.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

- |                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | : The product is not flammable / combustible. In case of fire in the surroundings: all extinguishing agents allowed. |
| <b>Unsuitable extinguishing media</b> | : None known.  |

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

- |   |  |
|---|--|
| <b>Specific hazards during firefighting</b> | : The urea contained does not burn and does not lead to a risk of dust or aerosol explosion. Thermal decomposition of urea fertilisers takes place at temperatures above 133 °C, releasing toxic ammonia gases.<br>Accidental mixing of urea with nitric acid during a fire can lead to the formation of urea nitrate, which has explosive properties. Molten urea formed during the fire may cause thermal burns to the skin. |
|---|--|

#### 5.3 Advice for firefighters

- |   |  |
|---|--|
| <b>Special protective equipment for</b> | : Fire-fighters should wear appropriate protective equipment |
|---|--|

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### fire-fighters

and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### Further information

- : Keep the doors and windows of the storage room open to give maximum ventilation. Collect contaminated fire water separately. Do not allow it to be disposed of down the drain.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

See protective measures under point 7 and 8.

Avoid inhalation of dust. Ensure sufficient ventilation especially in enclosed spaces.

### 6.2 Environmental precautions

Do not let product enter drains. Discharge into the environment must be avoided.

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

Stop leak if without risk.

During cleanup, you should wear appropriate PPE, to prevent any skin/eye contact and inhalation. Do not use compressed air to clean up spills.

### 6.4 Reference to other sections

Refer to section: 7, 8, 11, 12 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on safe handling

- : Avoid eye and excessive skin contact.
- : Provide appropriate exhaust ventilation at places where dust is formed.
- : Do not eat, drink or smoke when handling.
- : Wash hands after handling

#### Advice on protection against fire and explosion

- : Not applicable

#### Dust explosion class

- : Not applicable.

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

#### Requirements for storage areas and containers

- : Store in original container protected from direct sunlight in a dry, cool and well-ventilated area.
- : Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Advice on common storage

- : Keep away from food, drink and animal feedingstuffs.

#### Storage Temperature

- : Ambient temperature (5 - 30°C).

#### Other data

- : Not applicable

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### 7.3 Specific end use(s)

Fertilizer.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Ingredients with exposure limit values that require monitoring at the workplace:**

Not required.

**Potassium dihydrogenorthophosphate (EINECS:231-913-4, CAS-No:7778-77-0):**

- No exposure limits.

**Disodium octaborate (EINECS: 234-541-0, CAS-No: 12280-03-4):**

- No data available

### DNEL and PNEC:

**Potassium dihydrogenorthophosphate (EINECS:231-913-4, CAS-No:7778-77-0):**

- **DNEL/DMEL (Workers)**  
Long-term - systemic effects, inhalation 4,07 mg/m<sup>3</sup>
- **DNEL/DMEL (General population)**  
Long-term - systemic effects, inhalation 3,04 mg/m<sup>3</sup>
- **PNEC (Water)**  
PNEC aqua (freshwater) 0,05 mg/L  
PNEC aqua (marine water) 0,005 mg/L  
PNEC aqua (intermittent, freshwater) 0,5 mg/L
- **PNEC (STP)**  
PNEC sewage treatment plant 50 mg/L

**Disodium octaborate (EINECS: 234-541-0, CAS-No: 12280-03-4):**

- **DNEL/DMEL (Workers)**  
Long-term - systemic effects, dermal 326 mg/kg bodyweight/day  
Long-term - systemic effects, inhalation 6,9 mg/m<sup>3</sup>
- **DNEL/DMEL (General population)**  
Acute - systemic effects, oral 0,81 mg/kg bodyweight/day  
Long-term - systemic effects, oral 0,81 mg/kg bodyweight/day  
Long-term - systemic effects, inhalation 3,5 mg/m<sup>3</sup>  
Long-term - systemic effects, dermal 163,3 mg/kg bodyweight/day
- **PNEC (Water)**  
PNEC aqua (freshwater) 2,9 mg/l  
PNEC aqua (marine water) 2,9 mg/l  
PNEC aqua (intermittent, freshwater) 13,7 mg/l
- **PNEC (Soil)**  
PNEC soil 5,7 mg/kg dwt
- **PNEC (STP)**  
PNEC sewage treatment plant 10 mg/l

### 8.2 Exposure controls

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### Appropriate engineering controls

Prevent generation of dust. Provide adequate ventilation in work and storage areas.

### Personal protective equipment

#### Respiratory protection

- : Special respiratory protection measures are not required when applied under normal or reasonably foreseeable conditions of use and in a well ventilated area. In case of inadequate ventilation and/or dust formation wear respiratory protection.  
Recommended: half-mask for dust/particles (EN 149) or half-mask (EN 140) with filter type P1 or FFP1 for dust (EN 143).

#### Hand protection

##### Material

- : Impervious chemical resistant protective gloves (EN 374, EN 420) and gloves for protection from mechanical risks (EN 388).

##### Glove thickness

: ---

##### Break through time

: ---

##### General remarks

- : Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

#### Eye/face protection

- : In case of splash risk. wear safety glasses with side-shields conforming to EN166.

#### Skin and body protection

- : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### Hygiene measures

- : General hygiene measures for the handling of chemicals are applicable. Observe good industrial hygiene practices:
  - General practical hygiene measures.
  - Do not breathe vapour /cloud /gas /dust.
  - When using do not eat, drink or smoke.
  - Wash hands before breaks and at the end of work.
  - Avoid contact with skin, eyes and clothing. Take off contaminated clothing and wash before reuse.

### Environmental exposure controls

#### General advice

- : Do not flush into surface water or sanitary sewer system. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation.  
If the product contaminates rivers and lakes, inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

: Liquid

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

<b>Colour</b>	: Dark brown
<b>Odour</b>	: ---
<b>Flash point</b>	: The product itself is not flammable
<b>Lower Flammable Limit</b>	: Not applicable (does not contain flammable components)
<b>Upper Flammable Limit</b>	: Not applicable (does not contain flammable components)
<b>Autoignition temperature</b>	: The product is not self-ignited
<b>Explosive properties</b>	: There is no risk of explosion of the product
<b>Lower explosive limit</b>	: Not applicable
<b>Upper explosive limit</b>	: Not applicable
<b>pH (24,2°C)</b>	: 6 – 7
<b>Melting point / melting range (°C)</b>	: Not applicable
<b>Boiling point/boiling range (°C)</b>	: No data available
<b>Vapour pressure</b>	: No data available
<b>Density</b>	: 1.240 g/l
<b>Bulk density</b>	: No data available
<b>Solubility in water</b>	: Water soluble
<b>Solubility in other solvents</b>	: No data available
<b>Partition coefficient n-octanol/water:</b>	: No data available
<b>Viscosity, dynamic</b>	: Not applicable
<b>Viscosity, kinematic</b>	: Not applicable
<b>Oxidising properties</b>	: Not oxidizing (does not contain oxidizing components)

### 9.2 Other information

None known.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The material is stable under normal conditions of use and storage and will not decompose spontaneously. Though, may decompose when heated. The risk of decomposition depends upon the temperature of the heat source, the duration of exposure to the heat source and the containment of the fertilizer.

### 10.3 Possibility of hazardous reactions

Can react violently with oxidants.

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### 10.4 Conditions to avoid

May decompose when heated. Cross-contamination of the fertilizer with other chemicals must be avoided.

### 10.5 Incompatible materials

Materials to avoid: Chlorates, nitrites, oxidizing agents, bases, reducing agents such as metal hydrides or alkali metals.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products is not possible to be produced. May decompose when heated. See section 5.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Dangerous health implications

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits (see section 8), it may result in adverse effects on health depending on the means of exposure.

#### 11.1.1. Ingestion:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for ingestion.

#### 11.1.2. Inhalation:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation.

#### 11.1.3. Contact with the skin and the eyes:

Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for the effects mentioned.

#### 11.1.4. CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

May damage fertility. May damage the unborn child.

#### 11.1.5. Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensibilizing effects.

#### 11.1.6. Specific target organ toxicity (STOT)-single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation.

#### 11.1.7. Specific target organ toxicity (STOT)-repeated exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified, as dangerous for inhalation.

#### 11.1.8. Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.

Given the available data of the individual components

#### Acute toxicity (oral)

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: Not classified

#### Acute toxicity (inhalant)

Disodium octaborate

: Not classified

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

Polyaspartic acid sodium salt solid

: No data available.

### Acute toxicity (dermal)

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: LD50 (dermal-rabbit): >2000 mg/kg

### **Skin corrosion/irritation**

#### Skin irritation

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: Not classified

### **Serious eye damage/eye irritation**

Disodium octaborate

: Not classified

Polyaspartic acid sodium salt solid

: Not irritating

### **Respiratory or skin sensitization**

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: Not classified

### **CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction)**

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: May damage fertility. May damage the unborn child.

### **STOT - single exposure**

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: Not classified

### **STOT - repeated exposure**

Potassium dihydrogenorthophosphate

: Not applicable.

Disodium octaborate

: Not classified

### **Aspiration hazard**

#### Aspiration toxicity

Potassium dihydrogenorthophosphate

: No data available.

Disodium octaborate

: Not classified

### **Neurological effects**

Potassium dihydrogenorthophosphate

: No data available.

Disodium octaborate

: No data available.

### **Toxicology Assessment**

#### Toxicology, Metabolism, Distribution

With proper handling the product does not cause any damage to health

#### Acute effects

With proper handling the product does not cause any damage to health

### **Further information**

No data available.

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1 Toxicity**

#### Toxicity to the aquatic environment

Potassium dihydrogenorthophosphate

: No data available.

Disodium octaborate

: Not classified.

#### Toxicity to fish

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

Potassium dihydrogenorthophosphate	: LC50 (fish 1): > 100 mg/L (96h)
Disodium octaborate	: LC50 (Fish-Limanda limanda): 74 mg/L LC50 (Pimephales promelas): 79,7 mg/L NOEC chronic fish: 6,4 mg/l

### Toxicity to daphnia and other aquatic invertebrates

Potassium dihydrogenorthophosphate	: EC50 (Daphnia 1): > 100 mg/l (48h)
Disodium octaborate	: No data available.

### Toxicity to algae:

Potassium dihydrogenorthophosphate	: NOEC (chronic algae): > 100 mg/l (72h)
Disodium octaborate	: EC50 (Algae): 66 mg/L EC50 (Algae): 54 mg/L

### **12.2 Persistence and degradability**

<u>Biodegradability</u>	: No data available
-------------------------	---------------------

### **12.3 Bioaccumulative potential**

<u>Bioaccumulation</u>	: No data available
------------------------	---------------------

### **12.4 Mobility in soil**

<u>Surface tension</u>	: No data available
------------------------	---------------------

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

The product does not meet the criteria for classification as PBT or vPvB.

### **12.6 Other adverse effects**

#### Additional ecological information

: Prevent surface and ground-water infiltration, as well as ground penetration.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **13.1 Waste treatment methods**

**Advice on disposal and packaging** : Disposal:  
According to National and European regulations. It should not be disposed of with household wastes. The appropriate waste code(s) should be assigned by the user, based on the product usage.

The following Waste Codes are only suggestions:

**Waste Code (EWC)** : EWC disposal code no. (unused product):  
06 10 waste from MFS of nitrogenous chemicals, nitrogen chemical processes and fertiliser production,  
06 10 99 wastes not otherwise specified

**Disposal of uncleaned packaging (EWC)** : EWC disposal code no. (uncleaned packaging):  
15 01 06 mixed packaging  
Note: After rinsing with plenty of water, empty bags can be transported to licensed units / management organizations for recycling.

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21

### SECTION 14: TRANSPORT INFORMATION

The product is not subject to international regulations governing the transport of dangerous goods (ADR/RID, IMDG, ICAO/IATA).

### SECTION 15: REGULATORY INFORMATION

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

**VOC (1999/13/EC)** : Not applicable.

**Seveso III - DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the control of major-accident hazards involving dangerous substances** : Not applicable.

**Further information** : Fertilizer. For use by professional users and the general public.

**Regulation (EU) 2019/1148 on the marketing and use of explosives precursors** : Not applicable.

#### 15.2 Chemical safety assessment

The Chemical Safety Assessments of the mixture's components have been performed.

### SECTION 16: OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3

H319: Causes serious eye irritation.

H360FD: May damage fertility. May damage the unborn child.

#### Revised points:

---

#### Acronyms and abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road (2015)  
CAS No: Chemical Abstracts Service Number  
EmS: Emergency Schedules  
EINECS No: European Inventory of Existing Commercial Chemical Substances Number  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
IATA-DGR: International Air Transport Association's-Dangerous Goods Regulations (56<sup>th</sup> edition)  
ICAO-TI: International Civil Aviation Organization's-Technical Instructions  
IMDG Code: International Maritime Dangerous Goods Code (36<sup>th</sup> - 37<sup>th</sup> amendment)  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

This Safety Data Sheet was elaborated on the basis of information provided by the manufacturer, as well as, suppliers of individual components and on the basis of data in publicly accessible databases.

All information provided herein is deemed reliable and is intended to ensure optimal protection during transport, handling and storage of our products.

However, the present should not be considered as a warranty or quality specification.

# Safety Data Sheet

Reg.: (EC) No 1907/2006 (REACH), (EU) No 453/2010, (EU) No 830/2015, (EU) No 542/2017, (EU) No 878/2020, (EC) No 1272/2008, (EC) No 790/2009, (EC) No 286/2011



Version: 1.0

Revision date: ---

Date of issue: 10/09/2024

## **Fertilizer DEKASTIM TOP AG 10-5-5+0,2B+0,2Zn+0,1Mn+15%Artin21**

### **Department issuing MSDS:**

HELLAGROLIP SA  
Pentelis 34A  
175 64, Palaio Faliro, Attiki, Greece

### **For information contact:**

HELLAGROLIP SA  
Pentelis 34<sup>A</sup>, 175 64, Palaio Faliro, Attiki, Greece  
Tel.: +30 2510 317127 and +30 2130 037616, Fax: +30 210 9408198, e-mail: [g.director@hellagrolip.com](mailto:g.director@hellagrolip.com)