

# SAFETY DATA SHEET



## IMMUNOHYPE

### SECTION 1: Identification of the substance and the company/enterprise

#### 1.1 Product ID

Product name: IMMUNOHYPE  
Mist : 8606015365923  
Product type : WATER-SOLUBLE FEED SUPPLEMENT

Use of the product: prepare a solution with an appropriate concentration as prescribed.

#### 1.2 Appropriate identified uses and contra-indicated uses of the substance

Identified uses

Consumer use: Only for the treatment of animals

#### 1.3 Manufacturer:

**PATENT CO. DOO** Vlade  
ĵetkoviĵa 1A 24211 Mišijevu

SERBIA  
+381 11 2414 333

#### National availability: 1.4 Emergency

**phone number** In case of emergency, call  
the central emergency number 112 Manufacturer's emergency number: **+381 11  
2414 333**

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture Product

definition: dry powder **Classification according to  
Directive 1999/45/EC [DPD]** The product is not classified as dangerous  
according to Directive 1999/45/EC and its amendments.

**Classification:** Not classified See section

16 for the full text of the above R-phrases and H-statements. See section 11 for more detailed information on health effects and symptoms.

#### 2.2 Tag Elements

S2- Keep out of reach of children.  
S26- In case of contact with eyes, wash immediately with plenty of water and consult a doctor.  
S46- If swallowed, seek medical advice immediately and show container or label.

#### Special packaging requirements Containers to be

installed with child-resistant  
fastenings : Not applicable.  
Tactile hazard warning : Not applicable.

#### 2.3 Other hazards Other

hazards that result in non-classification :  
Not available.

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**SECTION 3: Composition/information on ingredients****Material:**

Product/ingredient name	Identifiers	%	classification		type
			67/548/EEC	Regulation (EC) No 1272/2008 (CLP)	
Essential oils and A mixture of WS vitamins dextrose monohydrate	EC: 616-580-9 CAS: 77938-63-7	98 2	Not classified Not classified	Not classified Not classified	

EU Regulation 1907/2006/EC (REACH)

XIV. Annex - List of materials subject to authorization

Very dangerous substances None of the  
ingredients are listed.

**XVII. Annex - Restrictions on the manufacture, placing on the market and use of certain hazardous substances, mixtures and goods:** Not applicable.

There are no additional ingredients present that, to the supplier's current knowledge and at applicable concentrations, are considered hazardous to health or the environment, are classified as PBTs or vPvBs, or have occupational exposure limits and would therefore require reporting in this section.

**Type**

[1] Substance classified as hazardous to health or the environment [2] Substance with occupational exposure limit value [3] The substance meets the PBT criteria of Regulation 1907/2006/EC XIII. according to its annex [4] The substance meets the vPvB criteria of Regulation 1907/2006/EC XIII. Occupational exposure limits, if available, are listed in section 8.

**SECTION 4: First aid****4.1 Description of first aid measures Eye contact:** Immediately flush

the eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check and remove contact lenses. In case of irritation, consult a doctor. • **Inhalation:** Move the affected person to fresh air. • **Skin contact:** If symptoms occur, consult a doctor. • **Ingestion:** Rinse the mouth with water. If symptoms occur, consult a doctor. • **Protection of first aiders:** No activity may be carried out that involves personal risk

attends, or for which he has not received adequate training.

**4.2 The most important - acute and delayed - symptoms and effects** Possible acute health effects • **Eye contact :** No significant effects or critical

hazards are known. • **Inhalation :** No known significant effects or critical hazards. • **Skin contact :** No known significant effects or critical hazards. • **Ingestion :** No known significant effects or critical hazards.

**Signs/symptoms of overexposure • Eye contact :**

No specific data.

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• **Inhalation** : No specific data. • **Skin contact**: No specific data.

• **Ingestion** : No specific data.

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

Symptomatic treatment. In case of ingestion or inhalation of large quantities, consult a poison specialist immediately.

**Special treatments** : No special treatment.

## SECTION 5: Fire protection measures

### 5.1 Extinguishing

**media** • **Appropriate extinguishing** : Use an extinguishing agent suitable for extinguishing the surrounding fire. • **Inappropriate inoculum media**: Not known.

**5.2 Special hazards arising from the substance or mixture** • Hazards arising from the substance or mixture; No specific fire or explosion hazard.

• Hazardous thermal decomposition products; Decomposition products may include the following substances: carbon dioxide carbon monoxide metal oxide/oxides

**5.3 Recommendation for firefighters Special protective measures for firefighters**; • If there is a fire, immediately isolate the scene, transporting all persons from the accident from its location. Activities that involve personal risk or without proper training may not be performed.

#### Special protective equipment for firefighters;

• Firefighters need appropriate protective equipment and self-contained breathing apparatus (SCBA). should be worn with a full face mask in overpressure mode. Clothing for firefighters conforming to European standard EN 469 (including helmet, safety boots and gloves) provides basic protection in case of chemical incidents.

## SECTION 6: Accidental exposure measures

### 6.1 Personal precautions, personal protective equipment and emergency procedures In non-emergency situations :

• Activities that involve personal risk or that are suitable for it may not be carried out training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel away from entering. Do not touch or walk over spilled material.  
Wear appropriate personal protective equipment.

**For emergency responders** : • If special clothing is required to handle the spilled material, consider point 8.

section for information on compliant and non-compliant materials. See also Section 8 for additional information on hygiene measures.

**6.2 Environmental precautions** : Avoid dispersal and runoff of spilled material and contact with soil, watercourses, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewage, water course, soil or air).

### 6.3 Methods and materials for territorial delimitation and decontamination Small spillage :

• Move containers away from spill area. Vacuum or sweep it material and place it in a designated, labeled waste collection container. Dispose of it with a licensed waste disposal company.

**Large Spill** :



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- Move containers away from spill area. Block it in the channel, entering watercourses, basements or closed areas. Vacuum or sweep up the material and place it in a designated, labeled waste container. Dispose of it with a licensed waste disposal company.

#### 6.4 Reference to another:

- See Section 1 for emergency contact information. • See Section 8 for appropriate personal protective equipment.
- See Section 13 for further disposal information.

### SECTION 7: Handling and storage

The information in this section contains general advice and guidance.

See the list of identified uses in Section 1 for use-specific information available in the exposure scenario(s).

#### 7.1 Precautions for safe handling Precautions :

- Wear appropriate personal protective equipment (see Section 8).

**Advice for general occupational hygiene:** • Eating, drinking and

smoking are prohibited in areas where this substance is handled,

stored and processed. Workers must wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering the eating area. See also Section 8 for additional information on hygiene measures.

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

- To be stored in accordance with local regulations. Store in the original container, protected from direct sunlight, in a dry, cool and well-ventilated place, away from incompatible materials (see point 10) and food and drink. The container should be kept tightly closed and sealed until use. Opened containers must be carefully resealed and kept upright to avoid leakage. Do not store in unlabelled containers. In order to avoid environmental pollution, a suitable protective cover must be used.

#### 7.3 Specified end use(s) Recommendations Industry sector-specific solutions:

- Its use is reserved exclusively for animal feeding, according to the instructions appropriately. For drinking water only; Not for human consumption.  
Agriculture/Forage

### SECTION 8: Exposure controls/personal protection

The information in this section contains general advice and guidance.

See the list of identified uses in Section 1 for use-specific information available in the exposure scenario(s).

**8.1 Regulatory parameters Occupational exposure limit values :** No exposure limit value is known.

**Recommended monitoring procedures :**

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- If this product contains ingredients with exposure limits, personal, workplace atmospheric or biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the need to use respiratory protective equipment. Reference should be made to the European standard EN 689 on methods for the assessment of inhalation exposure to chemical substances, as well as to national guidance documents on methods for the determination of hazardous substances.

## 8.2 Manufacturer: Exposure control

### Appropriate Design: Controls • Chemical-

resistant, impervious gloves to an approved standard must be worn at all times when handling chemicals, if required by risk assessment.

### Personal protective measures: • No

special ventilation requirements. For good general ventilation

should be sufficient to control worker exposure to airborne contaminants. If this product contains components with exposure limits, use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure below recommended or regulatory limits.

### Hygiene measures: • Wash hands,

forearms and face thoroughly after handling chemicals, before eating, smoking and using the toilet, and at the end of working hours.

Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated clothing must be washed before reuse. Make sure there are eyewash stations and safety showers near the workstation location

### Eye/face protection:

- Safety glasses conforming to an approved standard must be worn when a according to a risk assessment, this is necessary to avoid exposure to splashed liquid, mist or dust.

### Skin protection:

#### Hand protection :

- Chemical-resistant, impermeable gloves complying with the approved standard are required to be worn at all times when handling chemicals, if this is necessary according to the risk assessment.

#### Body protection :

- Permeation level 6, penetration level 3 according to EN374, taking into account the exposure to chemicals given in chapter 3.

#### Other skin protection :

- Personal protective equipment for the protection of the body according to the task to be performed and with it must be selected based on the associated risks and must be approved by a specialist before handling the product.

#### Respiratory protection :

- Appropriate footwear and any additional skin protection measures must be selected based on the task to be performed and the associated risks, and must be approved by a professional before handling the product.

#### Environmental Exposure Controls : • Use an

approved standard, properly fitting, air-purifying or air-breathing respirator if required by risk assessment. Respirator selection should be based on known or expected exposure levels, product hazards, and safe operating limits for the selected respirator.

Emissions from ventilation or work process equipment should be monitored to ensure compliance with environmental legislation.

In some cases, for smoke scrubbers, filters or



technical modifications of process equipment will be required to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

• **Physical state** - Solid. • **Color** - Pale yellow. • **Odor** - Characteristic of essential oils; thyme, lavender. • **Odor threshold pH** - Not available. • **Melting point/freezing point** - Not available. • **Initial boiling point and boiling point range** - Not available. • **Flash point** - Not available. • **Evaporation rate** - Not available. • **Flammability (solid, gaseous)** - Not available. • **Burning time** - Not available. • **Burning rate** - Not available. • **Upper/lower flammability or explosion limits** - Not available. • **Vapor pressure** - Not available. • **Vapor density** - Not available. • **Density** - Not available. • **Solubility(ies)** - Soluble in water. • **Partition coefficient:** noctanol/water - Not available. • **Decomposition temperature:** 0.66-0.72 g/cm<sup>3</sup>; soluble in water..

• **Viscosity** - Not available.

• **Explosive properties** - Not available. • **Oxidizing properties:** - Not available.

9.2 Other information No additional information.

## SECTION 10: Stability and responsiveness

10.1 **Reactivity** : No specific reactivity test data are available for this product or its components

10.2 **Chemical stability** : The product is stable.

10.3 **Possibility of dangerous reactions** : Under normal conditions of storage and use, dangerous reactions do not occur.

10.4 **Conditions to avoid** : Keep away from extreme heat. Protect from moisture.

10.5 **Incompatible materials** : Mix homogeneously in water according to the instructions for use (product declaration and product description).

### 10.6 Hazardous decomposition products

Instability conditions : Not available.

Instability temperature : Not available.



## SECTION 11: Toxicological information 11.1

### Information on toxicological effects

#### Acute toxicity

According to our database, there are no known effects.

#### Irritation/Corrosion

According to our database, there are no known effects.

#### Hypersensitivity

According to our database, there are no known effects.

#### Mutagenicity

According to our database, there are no known effects.

#### Carcinogenic effect

According to our database, there are no known effects.

#### Reproductive toxicity

According to our database, there are no known effects.

#### Teratogenicity

According to our database, there is no known effect.

#### Potential acute health effects

- Eye contact - No known significant effects or critical hazards.
- Inhalation - No known significant effects or critical hazards. • Skin contact - No known significant effects or critical hazards. • Ingestion - No known significant effects or critical hazards.

#### Symptoms related to physical, chemical and toxicological characteristics

- Face to face: No specific data.
- Inhalation: There are no specific data.
- Skin contact : No specific data.
- Ingestion: No specific data.

#### Delayed and immediate effects and chronic effects from short and long-term exposure Short-term exposure

- Possible immediate effects: Not available.
- Possible delayed effects: Not available.

#### Long-term exposure • Possible

- immediate effects: • Possible delayed effects: • Possible Not available.
- chronic health effects: Not available. Not available.

#### Conclusion/Summary • In general:

- No known significant effects or critical hazards.
- Carcinogenic effect: No known significant effects or critical hazards.
- Mutagenicity: • No known significant effects or critical hazards.
- Teratogenicity: • Developmental No known significant effects or critical hazards.
- effects: No known significant effects or critical hazards.
- Effects on fertility : No known significant effects or critical hazards. • Other information: Not available.



## SECTION 12: Ecological information

### 12.1 Toxicity

According to our database, there are no known effects.

**12.2 Persistence and degradability** According to our database, there are no known effects.

### 12.3 Bioaccumulative potential

According to our database, there are no known effects.

### 12.4 Mobility in soil Soil/water partition coefficient (KOC):

Not available.

### Mobility:

Not available.

**12.5 Results of PBT and vPvB assessment** PBT: Not applicable.

vPvB: Not applicable.

**12.6 Other adverse effects:** No significant

effects or critical hazards are known.

## SECTION 13: Disposal Considerations

The information in this section contains general advice and guidance.

See the list of identified uses in Section 1 for use-specific information available in the exposure scenario(s).

### 13.1 Waste management methods

#### Product

##### Disposal methods :

- Dispose of waste in accordance with federal, state and local environmental regulations must be disposed of. Waste packaging must be recycled.

##### Hazardous waste : •

According to the supplier's current knowledge, this product is not classified as hazardous waste according to the definition of EU Directive 91/689/EEC.

#### Packaging

##### Disposal methods :

- The generation of waste should be avoided or minimized wherever possible. Waste packaging must be recycled. Incineration or landfill should only be considered if recycling is not feasible.

##### Special Precautions : • This material and its

packaging must be disposed of in a safe manner.

Empty packages contain minimal product residue.

## SECTION 14: Shipping Information

This product is not considered dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA). When transporting bulk material or pallets over long distances, observe Sections 7 and 10.





## SECTION 15: Regulatory Information

Chemical safety assessment based on EC regulation 1907/2006: Not relevant.

**15.1 The safety, health and environmental regulations/legislation related to the given substance XVII. Appendix - Restrictions** : Not applicable. on the production, placing on the market and use of certain dangerous substances

### **CMR materials**

None of them.

## SECTION 16: Other information

Indicates information that has changed from the previous edition.

### **Abbreviations and abbreviations :**

- ATE = Acute toxicity estimate
- CLP = Classification, Labeling and Packaging Regulation [Order(s) No. 1272/2008]
- DNEL = derived no-effect level
- EUH statement = CLP-specific Hazard statement • PNEC = estimated no-effect concentration
- RRN = REACH registration number: Not available.

### **Main literature references and data sources**

- is available

#### Europe

##### **Full text of abbreviated H Statements :**

- Not applicable.

##### **Full text of classifications [CLP/GHS] :**

- Not applicable.

##### **Full text of abbreviated R terms :**

- Not applicable.

##### **Full text of classifications [DSD/DPD] :**

- Not applicable.

##### **Date of Issue/ Date of Revision :**

- 11.02.2018

##### **Date of previous issue :**

- No previous validation.

##### **Variant:**

- 1

##### **Made by :**

Patent co. D.O.O

Vlade yetkoviya 1A

24211 Mišijevu, Srbija

### **A warning to the reader**

To the best of our knowledge, the information provided here is accurate. However, neither the above-named vendor nor its affiliates assume any responsibility for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user.

All materials may contain unknown hazards and should be used with caution. Although certain hazards are described here, we cannot guarantee that these are the only hazards that exist.

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