

SAFETY DATA SHEET

Product: DYSGUARD-E, feed supplement

1. Name of the substance/preparation and the company/undertaking

Trade name of the product: **DYSGUARD-E**, feed supplement Manufacturer: PATENT CO. DOO
 Vlade yetkoviya 1A, 24 211
 Mišijevo, Serbia Use: only for animal feed National contact:
 Emergency phone number **In case of emergency, call the central
 emergency number 112** Manufacturer's emergency number: +381
 11 2414 333

2. Composition / Information on the ingredients /

2.1 Materials: Not
applicable

2.2 Mixtures:

Ingredients	CAS number	Concentration %
A blend of essential oils	8007-11-2; 8007-46-3; 8008-52-4; 8000-48-4; 68917-18-0; 8000-28-0	1.9
Vitamin B complex	n/a	9.3
Plant extract (<i>Castanea sativa</i>)	So	6.5

The toxicity of the mixture has not been tested. Calculation-based classification according to Regulation (EC) No. 1272/2008: general guidelines for mixtures.

3 – Identification of hazards

3.1. Classification of the substance or mixture: **Classification**
according to Regulation (EC) No. 1272/2008 [CLP]: Skin corrosion/irritation
 category 2, H315 Sensitization, Skin, category 1 H317

3.2. Precautionary statements:

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

P262 Avoid contact with eyes, skin or clothing P302+P352 IF ON

SKIN: Wash with soap and plenty of water P305+P351+P338 IF IN EYES: Rinse cautiously
 for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P332+P313 In case of skin irritation: Get medical advice/attention. P308+P313 If exposed or concerned: Get
 medical advice.

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3.3. Other hazards: _____

The toxicity of the mixture has not been tested. Calculation-based classification according to Regulation (EC) PBT-vPvB assessment, see section 12.5.

Potential Health Effects **Inhalation** - May be

harmful if inhaled. Causes respiratory irritation **Skin** - Toxic if absorbed through the skin. Causes skin irritation.

Eye - Causes eye irritation

Ingestion - Harmful if swallowed

4 – First aid

General Council

Consult a doctor. Show this safety data sheet to the attending physician. Leave the danger area.

In case of inhalation In

case of inhalation, the affected person should be taken to fresh air. If he is not breathing, give artificial respiration. Consult a doctor.

In case of skin contact

Wash with soap and plenty of water. Take the injured person to the hospital immediately.

Consult a doctor.

In case of confrontation

Rinse thoroughly with plenty of water for at least 15 minutes and seek medical attention.

Ingestion Never give

anything by mouth to an unconscious person. Rinse the mouth with water. Consult a doctor.

Show this MSDS to the appropriate physician.

5 – Fire protection measures

5.1. Vaccine:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture:

The formation of hazardous decomposition products depends on the combustion conditions.

5.3. Advice for firefighters:

Wear protective clothing (according to regulations) and self-contained breathing apparatus.

5.4. Other information: The fire-__

fighting water must be collected, not discharged into sewers or natural waters.

6 – Accidental exposure measures

6.1. Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Only trained

personnel wearing appropriate personal protective equipment (knowing the required duties) may be at the scene of the accident.

For emergency personnel:

Contact with eyes, skin and clothing should be avoided.

See sections 7 and 8.

6.2. Environmental precautions: Do not release the mixture into natural waters.

6.3. Methods and Materials for Containment and Contamination: If mixture is exposed, soak up with non-combustible absorbent material and dispose of as hazardous waste and store in a professionally/properly labeled, lockable container for disposal in accordance with Section 13.

It is recommended to wear appropriate personal protective equipment during waste management **6.4.**

Link to other sections:

See sections 7, 8 and 13.

7 - Handling and storage

7.1. Precautions for safe handling:

Follow standard hygiene procedures. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist.

Eating, drinking and smoking are prohibited in the workplace!

Technical measures: Ensure adequate ventilation!

Fire protection and fire protection regulations: No special instructions.

7.2. Conditions for safe storage, including possible incompatibilities: Store in the original, properly labeled container,

tightly closed, in a dry, fresh air and well-ventilated place. Keep away from food.

7.3. Specific end use(s): Feed additive premix.

8 - Exposure controls/personal protection

It does not contain substances with occupational exposure limits.

8.1. Personal protective equipment**Respiratory protection**

Where the risk assessment shows that air-purifying respirators are appropriate, use full-face, multi-purpose combination (US) or ABEK (EN 14387) type respirator cartridges as a backup for engineering controls. If a respirator is the only protection, use a full-face respirator. Use a respirator and components that have been tested and approved according to appropriate government standards such as NIOSH (USA) or CEN (EU).

Hand protection

Handle with gloves.

Eye protection

Face shield and goggles

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Skin and body protection

At the workplace, choose body protection according to the amount and concentration of the hazardous substance.

Hygiene measures Avoid contact with

skin, eyes and clothing. Hands must be washed before breaks and immediately after handling the product.

9 – Physical and chemical properties

Appearance

Form powder, light brown

Color solid

Safety data pH

no data available

Melting point no data available

Source point no data available

Flash point no data available

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Density no data available

Solubility in water Insoluble

10 – Stability and responsiveness

Storage stability Stable under recommended storage conditions.

Materials to avoid

Strong oxidizers

Hazardous decomposition

products Hazardous decomposition products produced by fire. - Nature of decomposition products not known

11 - Toxicological information

11.1. Information on toxicological effects: Acute toxicity:

No data available.

Skin corrosion/irritation:

Causes skin irritation

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization: May cause an

allergic skin reaction.

Germ cell mutagenicity:

No data available.

Carcinogenic effect:

This product is classified by IARC, ACGIH, NTP, or EPA as probably not carcinogenic. IARC: According to IARC, this product has a

Its components present in amounts exceeding 0.1% or more do not contain substances that are likely to cause human carcinogens.

Reproductive toxicity: No data available.

Target organ toxicity after single exposure (STOT): May cause respiratory irritation. Not classified.

Repeated exposure target organ toxicity (STOT): No data available.

Aspiration hazard: No data available.

Information on likely routes of exposure: Ingestion, inhalation, skin contact, eye contact.

Symptoms related to physical, chemical and toxicological characteristics: Skin contact:

Causes skin irritation. May cause an allergic skin reaction **Eye contact:**

No data available.

Inhalation:

No data available.

Ingestion:

No data available.

Other:

No data available.

Delayed and immediate effects and chronic effects from short and long-term exposure: No data available.

Interactive effects:

No data available

Lack of specific data: No data available.

Mixture vs. Substance Information: No data available.

Other information: No data available.

12 – Ecological information

12.1. Toxicity:

No data available.

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulative potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Results of the PBT and vPvB assessment:

No data available.

12.6. Other adverse effects: Do not release into natural waters or soil.

13 – Disposal aspects

13.1. Waste management methods:

Product disposal:

According to international, national and local regulations.

Packaging disposal: According to international, national and local regulations.

Physical and chemical properties that may affect waste management: No data available.

Waste water disposal information: No data available.

14 - Shipping Information

Not dangerous goods.

ADR/RID

UN number: No data available.

UN proper shipping name: Not available.

Transport hazard class(es): No data.

Packing group: No data.

Environmental hazards: No data.

Special precautions for the user: No data available.

ADN

UN number: No data available.

UN proper shipping name: Not available.

Transport hazard class(es): No data.

Packing group: No data.

Environmental hazards: No data.

Special precautions for user: Not available data.

IATA

UN number: No data available.

UN proper shipping name: Not available.

Transport hazard class(es): No data.

Packing group: No data.

Environmental hazards: No data.

Special precautions for the user: No data available.

Marpol II. Annex and bulk transport according to the IBC Code:

No data available.

15 - Other regulatory information

15.1. Safety, health and environmental regulations/legislation applicable to the given substance or mixture:

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EU regulations:

Regulation 1907/2006/EC of the European Parliament and of the Council (December 18, 2006) on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and in force on the exclusion of Council Regulation 793/93/EEC and Commission Regulation 1488/94/EC, as well as Council Directive 76/769/EEC and 91/155/EEC, 93/67/EEC, 93/105/EC and 2000 /21/EC Commission Directives

COMMISSION REGULATION 453/2010/EU (May 20, 2010) on the registration, evaluation, authorization and restriction of chemical substances

Regulation 1907/2006/EC of the European Parliament and of the Council (REACH) amending Regulation 1272/EC Regulation No. 2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, 67/548/EEC and amending and repealing Directive 1999/45/EC and amending Regulation 1907/EC/ 2006 (Text with EEA relevance)

COMMISSION DIRECTIVE 2000/39/EC (June 8, 2000) establishing a first list of indicative occupational exposure limit values for the implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical substances at work.

15.2. Chemical safety assessment: A chemical safety assessment has not been carried out for this product.

16 – Other information

Instructions - recommended use: see the label on the bag.

The above information is believed to be correct, but is not intended to be all-inclusive and should be used as a guide only. The information in this document is based on our current knowledge and applies to the product in terms of appropriate safety precautions. It does not represent a guarantee for the properties of the product. Patent Co. shall not be liable for any damage resulting from handling or contact with the above product.

This material safety data sheet is for this product only and can only be used for this product.

Robert Cepela

Quality Manager

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