

## SAFETY DATA SHEET

According Comission Regulation (EU) nº 2020/878

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

#### **1.1 PRODUCT IDENTIFIER**

Product: PHEROBOAR

UFI: RGK0-Q0Q7-8001-1FM5

#### **1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

##### **RELEVANT IDENTIFIED USES**

Animal use. Synthetic pheromones for the detection of heat in sows.

##### **USES ADVISED AGAINST**

Other than those recommended.

#### **1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

**SUPPLIER:** MAGAPOR, S.L. - CIF : B-50365220 (MMRA-SCPF-0105)

**ADDRESS:** POLÍGONO CIENTIFICO TECNOLOGICO AGROALIMENTARIO VALDEFERRÍN –

AULADEI, CALLE 5

**POSTAL CODE/CITY:** 50600 EJEA DE LOS CABALLEROS

**TELEPHONE:** 976 662 914

**INFORMATION CONTACT:** [calidad@magapor.com](mailto:calidad@magapor.com)

#### **1.4 EMERGENCY TELEPHONE NUMBER**

976 662 914 (only available during office hours, Monday – Friday 8:30 – 14h)

## **SECTION 2. HAZARDS IDENTIFICATION**

### **2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

Classification according to the European Agency for Safety and Health at Work (OSHA): non-hazardous.

### **2.2 LABEL ELEMENTS**

Hazard pictograms: Health Hazard, flammable



### **2.3 OTHER HAZARDS**

May affect the central nervous system.

Causes eye irritation (Category 2B), reversible in a few days, and in the respiratory tract.

Classification according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), ethanol-based.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.2 MIXTURES**

Composition: ethanol CAS 64-17-5 (80%), water CAS 7732-18-5 (10%), propylene glycol CAS 57-55-6 (10%), androstenone CAS 18339-16-7 (<0.002%), androstanol CAS 1153-51-1 (<0.002%).

Hazardous components: denatured ethanol (96%).

## **SECTION 4. FIRST AID MEASURES**

### **4.1 DESCRIPTION OF FIRST AID MEASURES**

Skin contact: wash off immediately with soap and water. Remove contaminated clothing. In case of persistent skin irritation, consult a doctor.

Eye contact: flush open eyes for several minutes under running water. In case of persistent disorders, consult a doctor.

Inhalation: provide fresh air. In case of complaints, consult a doctor. If not breathing, give artificial respiration or oxygen. Seek medical attention.

Ingestion: rinse mouth with water. Do not induce vomiting and seek immediate medical attention.

### **4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

No further relevant information available.

### **4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Request immediate medical attention. Never administer anything orally to unconscious people. Do not induce vomit. If the person vomits, clear the respiratory tract. Keep the person comfortable while waiting for medical help.

## **SECTION 5. FIREFIGHTING MEASURES**

### **5.1 EXTINGUISHING MEDIA**

The product does not present any particular risk in case of fire.

Use common extinguishing media: water, foam, and dust.

### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Flammable, air limit 3.3 – 19% (ethanol)

### **5.3 ADVICE FOR FIREFIGHTERS**

Prevent products used to fight the fire from going into drains, sewers, or natural waterways. According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Collect the spilled material immediately by taking the precautions in Section 7 of this document.

Personal precaution: evacuate the area of all unnecessary people. Eliminate all sources of ignition until area is free of fire and explosion hazards. Contain spill and eliminate source if safe to do so.

Release into air: allow vapours to dissipate before returning to affected area. Low risk of inhalation toxicity.

Release in water: water soluble material. Contain as much as possible and flush waste to sewer with plenty of water.

### **6.2 ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter surface water or drains.

### **6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

In case of small spills, scoop up with sand or other non-combustible absorbent material and collect in containers for later disposal.

In case of large spills, establish containment measures to prevent the spill from spreading as far as possible for later disposal.

### **6.4 REFERENCE TO OTHER SECTIONS**

Elimination: see Section 13

Individual protection: see Section 8

## **SECTION 7. HANDLING AND STORAGE**

### **7.1 PRECAUTIONS FOR SAFE HANDLING**

When using do not eat, drink or smoke. Wear personal protection equipment (see Section 8).

Wash hands with water and soap after every use.



Use only in well-ventilated areas. Do not breathe dust.

Handle and open container with care. Use appropriate container to avoid environmental contamination.

### **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Unopened bags should be stored in a cool (15-25°C), dry place avoiding light exposure.

Store separately from any reactive substances, in particular oxidants.

Closed containers do not present incompatibilities for storage.

### **7.3 SPECIFIC END USE(S)**

No further relevant information available.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 CONTROL PARAMETERS**

OEL TWA: 1000 ppm

Occupational Exposure Limit Time-Weighted Average.

The product does not contain substances with Biological Limit Values.

## 8.2 EXPOSURE CONTROLS

Respiratory protection: not required at ambient temperature. Use self-contained breathing apparatus only in case of fire

Skin protection: protective clothing

Eye protection: protective goggles are recommended. Avoid direct contact with eyes.

Ventilation: Use general exhaust ventilation. Explosion proof motors and fans are not required for cold handling or pumping.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Alcohol
<b>Melting/freezing point</b>	Non determined
<b>Initial boiling point</b>	108°C
<b>Flammability</b>	Flammable
<b>Explosion limits</b>	Not applicable
<b>Flash point</b>	30-40°C
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>pH (30-37°C solution)</b>	Not determined
<b>Osmolality (mOsm/kg)</b>	Not determined
<b>Conductivity (mS/cm)</b>	Not determined
<b>Cinematic viscosity</b>	Not determined
<b>Solubility</b>	Solubility in water 100%

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<b>Solvent separation test</b>	Not determined
<b>Vapour pressure (Pa) (at 20°C)</b>	43
<b>Density</b>	0.85
<b>Relative vapour density</b>	Not determined
<b>Particle characteristics</b>	Not applicable
<b>Explosive properties</b>	Not determined

## 9.2 OTHER INFORMATION

None.

## **SECTION 10. STABILITY AND REACTIVITY**

### **10.1 REACTIVITY**

Prone to ignition by static discharge.

### **10.2 CHEMICAL STABILITY**

The product is chemically stable under recommended storage conditions, use and temperature (see section 7) during 36 months after manufacturing.

### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

The product does not present possibility of hazardous reactions.

### **10.4 CONDITIONS TO AVOID**

Avoid any improper handling or storage, high temperatures, exposure to heat, sparks and flames.

### **10.5 INCOMPATIBLE MATERIALS**

Keep the product in its original packaging. Do not use for other uses than recommended.

May attack rubber and plastics. Safe on base metals.

## 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### 11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) Nº 1272/878

#### ACUTE TOXICITY

People who develop anaphylactic reaction to the product should receive immediate medical attention.

Toxicological components: ethanol

#### SKIN CORROSION OR IRRITATION

LD50 dermal: 8285 mg/kg (subcutaneous – mouse)

#### SERIOUS EYE DAMAGE OR EYE IRRITATION

No data available.

#### RESPIRATORY OR SKIN SENSITIZATION

LD50 inhalation: 20k/10hr (Rat)

#### CARCINOGENICITY

No data available.

#### GERM CELL MUTAGENICITY

No data available.

#### REPRODUCTIVE TOXICITY

No data available.

#### STOT – SINGLE EXPOSURE

No data available.

## **STOT – REPEATED EXPOSURE**

No data available.

## **ASPIRATION HAZARD**

LD50 oral: 5560 mg/kg

LDLO: 1400 mg/kg for humans

## **11.2 INFORMATION ON OTHER HAZARDS**

No data available.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **12.1 TOXICITY**

Environmental toxicity: ethyl alcohol at a concentration of 250 ppm/11 hours, toxic to marine life.

### **12.2 PERSISTENCE AND DEGRADABILITY**

The product is totally biodegradable.

### **12.3 BIOACCUMULATIVE POTENTIAL**

No data available.

### **12.4 MOBILITY IN SOIL**

No data available.

### **12.5 RESULTS OF PTB AND mPmB ASSESSMENT**

No data available.

### **12.6 ENDOCRINE DISRUPTING PROPERTIES**

No data available.

### **12.7 OTHER ADVERSE EFFECTS**

No data available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **13.1 WASTE TREATMENT METHODS**

Do not dump into sewers or waterways.

There are no uniform EC regulations for the disposal of chemical or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/CE regarding waste management.

## **SECTION 14. TRANSPORT INFORMATION**

### **14.1 UN NUMBER OR ID NUMBER**

UN: 1170

ERG (Hazard identification number): 26

### **14.2 UN PROPER SHIPPING NAME**

No data available.

### **14.3 TRANSPORT HAZARD CLASS(ES)**

Class or division: 3

Hazchem Code: 2[S]e

Tunnel restriction code: D (road transport). Not applicable for maritime and air transport.

### **14.4 PACKING GROUP**

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IMDG: Group III

EAC 127

#### **14.5 ENVIRONMENTAL HAZARDS**

IMDG: ethanol/ethyl alcohol

#### **14.6 SPECIAL PRECAUTIONS FOR USER**

No data available.

#### **14.7 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS**

None.

### **SECTION 15. REGULATORY INFORMATION**

#### **15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Classification, labelling and packaging of chemicals: 3

Hazard: 11 – Flammable.

Safety: 7 – keep container tightly closed.

16 – keep away from sources of ignition.

Ethanol, being a flammable liquid of Category 2, falls under the SEVESO category: "P5c – Flammable liquids" with the following thresholds:

- Lower tier: 5.000 tonnes
- Upper tier: 50.000 tonnes

Special provisions relating to the labelling, packaging and handling of dangerous substances or preparations do not apply.

Safety data sheet according to Regulation (EC) Nº 1907/2006 (REACH. Classification according to Regulation (EC) Nº1272/2008 (CLP) according to Regulation (EU) Nº 2020/878.

## 15.2 CHEMICAL SAFETY ASSESSMENT

No data available.

## **SECTION 16. OTHER INFORMATION**

### 16.1 INDICATION OF CHANGES

None.

### 16.2 ADDITIONAL INFORMATION

The information contained in this safety data sheet is believed to be accurate and corresponds to the current state of our knowledge. However, we make no warranty, express or implied, with respect to such information and we assume no liability resulting from its use. Users should consider this data only as complementary to other information obtained by themselves and should carry out independent tests of the suitability and completeness of the information from all sources to guarantee the proper use and elimination of these materials, as well as the safety and health of employees, customers, and environmental protection. Indications cannot be passed on to other products. As long as the product is mixed or made with other materials, the indications of this safety sheet cannot be transferred to the new product generated.

### 16.3 ABBREVIATIONS

**REACH** –Registration, Evaluation, Authorisation, and restriction of Chemicals

**CLP** – Classification, Labelling and Packaging