

# Safety Data Sheet

section

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name/designation : EMX PM.  
Article No (user) : PHY0010154.  
UFI Number : 96,8780-GORX-F00D-P9K8

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

Relevant identified uses : Premixture of additives for animal feed/Refer to the technical datasheet.  
Uses advised against : Refer to the technical datasheet.

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

Supplier : **Name:** Phytosynthèse SASU  
**Street:** 57 Avenue Jean Jaurès  
**Postal code/City:** 63200 MOZAC  
**Country:** France  
**Telephone:** 04 73 33 15 00  
**Telefax:** 04 73 33 45 10  
**Website:** [www.phytosynthese.com](http://www.phytosynthese.com)  
**E-mail:** [Email@phytosynthese.com](mailto:Email@phytosynthese.com)

### 1.4 Emergency Telephone Number

#### United Kingdom:

In England and Wales: dial 111 ( NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours ([www.gpoutofhours.hscni.net/](http://www.gpoutofhours.hscni.net/)): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

## section 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### Hazards identification:

H304	Asp. Tox. 1	May be fatal if swallowed and enters airways.
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1	May cause an allergic skin reaction.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

### 2.2 Label elements

#### Labelling

##### Hazard pictograms



##### Signal word

Danger

##### Hazard Statements

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects

##### Precautionary Statements - Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

##### Precautionary Statements - Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/health professional (doctor,...)
P302+P352	IF ON SKIN: Wash exposed area with plenty of water.
P321	Specific treatment (see first aid procedures in chapter 4).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

##### Precautionary Statements - Storage

P405	Store locked up.
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##### Precautionary Statements - Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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##### Contains

eucalyptus oil

### 2.3 Other hazards

Results of PBT and vPvB assessment The product does not contain substances identified as substances which possess PBT and/or vPvB properties in a concentration equal to or greater than 0.1% (m/m). Properties disrupting the endocrine system (environment).The product does not contain substances identified as substances which possess endocrine disrupting properties (environment) in a concentration equal to or greater than 0.1% (m/m). Endocrine disrupting properties (human health). The product does not contain substances identified as substances which possess endocrine disrupting properties (human health) in a concentration equal to or greater than 0.1% (m/m).

## section 3 Composition/information on ingredients

### 3.2 Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Specific concentration limits	Classification
<b>eucalyptus oil</b>			
CAS N° 8000-48-4	10.0% <C< 25.0%		H304 May be fatal if swallowed and enters airways.
EC N°			H315 Causes skin irritation.
IDX N°			H317 May cause an allergic skin reaction.
			H411 Toxic to aquatic life with long lasting effects.

### 3.3 Remark

Text phrases and H- EUH-: see section 16.

## section 4 First aid measures

### 4.1 Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

#### Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

No resuscitation mouth-to-mouth or mouth-to-nose. Ambu use a mask or respirator.

If breathing is irregular or stopped, administer artificial respiration.

#### Following skin contact:

Take off contaminated clothing.

In case of skin irritation, consult a physician.

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap.

In case of skin reactions, consult a physician.

#### Following eye contact:

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

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

Protect unharmed eye.

#### Following ingestion:

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

**Self-protection of the first aider:**

First aider: Pay attention to self-protection!.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

**Notes for the doctor:**

Treat symptomatically.

## section 5 Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:**

Foam.  
Extinguishing powder.  
Carbon dioxide (CO<sub>2</sub>).  
Sand.

**Unsuitable extinguishing media:**

Strong water jet.

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

Formation of toxic gases is possible during heating or in case of fire.

### 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4 Additional information

Do not inhale vapors and fumes.  
Co-ordinate fire-fighting measures to the fire surroundings.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.  
Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## section 6 Accidental release measures

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

Use personal protection equipment.  
Remove persons to safety.  
Use appropriate respiratory protection.  
Provide adequate ventilation.

### 6.2 Environmental precautions

Ensure that waste is collected and contained.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Avoid release to the environment.  
Cover drains.  
Ensure all waste water is collected and treated via a waste water treatment plant.  
Do not allow to enter into soil/subsoil.  
Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.

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

Treat the recovered material as prescribed in the section on waste disposal.  
Collect in closed and suitable containers for disposal.  
Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4 Reference to other sections

Safe handling: see section 7.  
Disposal: see section 13.  
Personal protection equipment: see section 8.

### 6.5 Additional information

Not available

## section 7 Handling and Storage

### 7.1 Precautions for safe handling

#### PROTECTIVE MEASURES:

Avoid contact with skin, eyes and clothes.  
If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.  
Provide adequate ventilation as well as local exhaustion at critical locations.  
Sewers and ducts must be protected against the entry of the product.  
Wear personal protective clothing (see section 8).  
Do not put any product-impregnated cleaning rags into your trouser pockets.  
Provide for retaining containers, eg. floor pan without outflow.  
Avoid breathing dust.

#### Advices on general occupational hygiene:

Wash hands before breaks and after work.  
Remove contaminated, saturated clothing immediately.  
Work in well ventilated zones or use proper respiratory protection.  
Wash contaminated clothing before reuse.  
Street clothing should be stored separately from work clothing.

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

Keep container tightly closed in a dry, cool, and well-ventilated place.  
Keep container in upright position in order to prevent leakage.

#### Requirements for storage rooms and vessels:

Store locked up.  
Use isolated drainage to prevent discharge to soil.

#### Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8 Exposure controls/personal protection

### 8.1 Control parameters

**Occupational exposure limits:**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**Biological limit values:**

Not available

**Exposure limits at intended use:**

Not available

**Remark:**

Not available

### 8.2 Exposure controls

**Appropriate engineering controls:**

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

**Personal protection equipment:**



Eye/face protection

: **Suitable eye protection:**  
No data available.

Skin protection

: **Hand protection:**  
**Suitable gloves type:**  
Wear protective gloves.  
**Suitable material:**  
Butyl caoutchouc (butyl rubber).  
NBR (nitrile rubber).  
**Additional hand protection measures:**  
Do not wear gloves near machines and rotating tools.  
Use gloves only once.

**Remark:**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

**Body protection:**

**Suitable protective clothing:**

Lab coat.

Respiratory protection

: **Respiratory protection necessary at:**  
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Suitable respiratory protection apparatus:**

Wear respiratory protection.

**Remark:**

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Observe the wear time limits as specified by the manufacturer.

Use only respiratory protection equipment with CE-symbol including four digit test number.

**Environmental exposure controls:**

Not available

**Consumer exposure controls:**

Not available

**8.3 Additional information**

Not available

**section 9 Physical and chemical Properties**
**9.1 Information on basic physical and chemical properties**

Physical state	:	Powder
Colour	:	yellowish to brownish to greenish
Odour	:	Fresh
Odour threshold	:	Not available
pH	:	Not available
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	Not available
Flash point	:	Not available
Evaporation rate	:	Not available
Flammability	:	Not available
Upper/lower flammability or explosive limits	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density	:	Not available
Solubility(ies)	:	Not Soluble In Water
Partition coefficient: n-octanol/water (Log KOC)	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available
Explosive properties	:	Not available
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Log Kow	:	Not available

**9.2 Other safety information**

Not available

## section 10 Stability and Reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

### 10.7 Additional information

Not available

## section 11 Toxicological information

### 11.1 Acute oral toxicity

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.2 Acute dermal toxicity

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.3 Acute inhalation toxicity

The product is not classified.

**Data for mixture:**

Not available



**Substances:**

Not available

#### 11.4 Skin corrosion/irritation

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.5 Serious eye damage/irritation

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.6 Skin sensitisation

The product is classified Skin Sens. 1 according to the referenced regulation.

May cause an allergic skin reaction.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.7 Specific target organ toxicity (repeated exposure)

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.8 Specific target organ toxicity (single exposure)

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.9 Carcinogenicity

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.10 Reproductive toxicity

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.11 Germ cell mutagenicity

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.12 Sensitisation to the respiratory tract

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.13 Additional information

Not available

### 11.14 Information on other hazards

**Endocrine disrupting properties:**

The product does not contain substances identified as substances which possess endocrine disrupting properties (human health) in a concentration equal to or greater than 0.1% (m/m).

## section 12 Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.2 Persistence and degradability

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.3 Bioaccumulative potential

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.4 Mobility in soil

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

## 12.5 Results of PBT and vPvB assessment

The product does not contain substances identified as substances which possess PBT and/or vPvB properties in a concentration equal to or greater than 0.1% (m/m).

## 12.6 Endocrine disrupting properties

The product does not contain substances identified as substances which possess endocrine disrupting properties (environment) in a concentration equal to or greater than 0.1% (m/m).

## 12.7 Other adverse effects

Not available

## 12.8 Additional ecotoxicological information

Not available

# section 13 Disposal considerations

## 13.1 Waste treatment methods

**Product/Packaging disposal:**

**Waste codes/waste designations according to EWC/AVV:**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**Waste treatment options:**

**Appropriate disposal/Product:**

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

**Appropriate disposal/Package:**

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

**Remark:**

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

## 13.2 Additional information

Not available

section **14** Transport information

**14.1 UN number**

Not available

**14.2 UN proper shipping name**

Not available

**14.3 Transport hazard class(es)**

Not available

**14.4 Packing group**

Not available

**14.5 Environmental hazards**

Not available

**14.6 Special precautions for user**

Not available

**14.7 Bulk shipping according to IMO instruments**

Not available

**14.8 Additional information**

Not available

section **15** Regulatory information

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

**National regulations:**

**Cosmetic Ingredient Hotlist:**

Substance	CAS	EC
eucalyptus oil	8000-48-4	

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

For this substance/mixture a chemical safety assessment has been elaborated.

For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

### 15.3 Additional information

Not available

## section 16 Other information

### 16.1 Indication of changes

Not applicable (first edition of the MSDS).

### 16.2 Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

### 16.3 Key literature references and sources for data

No data available.

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

Complies with ATP 18, Regulation (EU) n°2022/692.

### 16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H304	Asp. Tox. 1	May be fatal if swallowed and enters airways.
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1	May cause an allergic skin reaction.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

### 16.6 Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

### 16.7 Additional information

Creation date: 26/12/2022

Version date: 26/12/2022

Printing date: 05/01/2023

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.

