

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Date of issue : 29.12.2023 – Version : EU\_EN/2 – Print date : February 2024

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE PRODUCT

#### PRODUCT

Product name : Magnesium Myristate – MAGMYR-1002  
 Product form : Powder  
 Use of the product : Colouring agent  
 Distributor : Pierre-Marie Montréal  
 Web site: : www.pierre-marie.ca

### 2. HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (CLP/GHS) : Not classified

#### 2.2 Label elements

Hazard pictograms : not classified  
 Signal word :not applicable  
 Hazard statements :not applicable

Precautionary statements : not applicable  
 Prevention :not applicable  
 Response :not applicable  
 Storage :not applicable  
 Disposal :not applicable  
 Special packaging requirements :not applicable

#### 2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

Other hazards which do not result in classification : None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Product	CAS No.	EINECS No.	Colour Index	Composition
Magnesium Myristate	4086-70-8	223-817-6		100

There are no additional ingredients present which, within the current knowledge and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

Inhalation by accident:	: remove causality to fresh air and keep at rest
Skin contact	: Wash affected skin with plenty of water
Eye contact	: if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention
Ingestion	: if ingested, wash out mouth with water, drink milk or egg white
Notes to Physician	: No special measures are required

##### Most Important systems and effects

Both acute and delayed

Acute

:none

Long term (repeated)

: May cause irritation to the respiratory system, cough, increase difficulty breathing

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

Recommended

: a. Doctor consultation, Chest Xray

: b. Lung functionality test

#### 5. FIREFIGHTING MEASURES

##### Extinguishing media

Suitable extinguishing media : Extinguish with water spray, foam or dry chemical

Unsuitable extinguishing media : Carbon dioxide

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

Thermal hazards : Non combustible. None anticipate. Material itself does not burn

Advice for firefighters : Fire fighters should wear complete protective clothing including self contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions : Do not breathe dust

Personal protection equipment : Wear appropriate personal protective equipment, avoid direct contact

In case of emergency : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

Environmental precautions : Do not allow to enter drains, sewers or watercourses Methods and material for

Containment and cleaning up : Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections : See sections 8 and 13

#### 7. HANDLING AND STORAGE

Precautions for safe handling : Avoid breathing dust Storage conditions in complete safety.  
The material can be slippery when wet

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Storage condition : Keep in tightly closed container in one. cool, dry and well ventilated place.  
Specific end use(s) : Not known

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters : Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values : Not known

#### Exposure controls

Appropriate engineering controls : Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.  
Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

#### Individual protections measures, such as personal protective equipment(PPE)

Hand/eye/face protection : Wear gloves, eye protection and an approved dust mask if dust is generated during handling.  
Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection : Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection : Dust mask covering nose and mouth

Thermal hazards : None

Environmental exposure controls : Avoid dust generation. Avoid accumulation of dust

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Powder  
Colour : White  
Odour : Odourless  
Boiling point, ° C : Not applicable  
Melting point, ° C : 130-150 ° C  
Freezing point, ° C : Not applicable  
Bulk density : Not applicable  
Vapour pressure : Not applicable  
Solubility : Insoluble  
Particle size : 10-60µm  
Loss on drying(105° C) : 0-6%

#### 10. STABILITY AND REACTIVITY

Reactivity : There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

Chemical stability : Stable under normal conditions

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Possibility of hazardous reactions : None  
Conditions to avoid : High temperature  
Incompatible materials : Strongly acidic, strongly alkaline, oxidizing agents  
Decomposition products : No information available

#### 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 There are no data available on the mixture itself. Procedure used to derive the classification according to Regulation(EC)No. 1272/2008 [CLP/GHS]. See Sections 2 and 3 for details.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. Coating powders can cause localized skin irritation in folds of the skin or under tight clothing

Acute toxicity : No data available

Acute toxicity estimates

Oral : No data available

Inhalation (vapors) : No data available

Irritation/Corrosion : No data available  
Sensitization : No data available  
Mutagenicity : No data available  
Carcinogenicity : No data available  
Reproductive toxicity : No data available  
Teratogenicity : No data available

Specific target organ toxicity (single exposure) : No data available

Specific target organ toxicity (repeated exposure) : No data available

Aspiration hazard : No data available

11.2 Information on other hazards

Endocrine disrupting properties : Not available.

Other information : Not available.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

There are no data available on the mixture itself.

Coating powder residues should not be allowed to enter drains or watercourses or be deposited where they could affect ground or surface waters.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

No data available

12.2 Persistence and degradability : No data available

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential : No data available

### 12.4 Mobility in soil

Soil/water partition : Not available

coefficient (Koc)

Mobility : not available

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

This mixture does not contain any substances that are assessed as having endocrine disrupting properties

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of contents in accordance with local, state or national legislation

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**14. TRANSPORT INFORMATION**

Not classed as dangerous for transport.

<b>International Transport Regulations</b>	<b>ADR/RID</b>	<b>ADN</b>	<b>IMDG</b>	<b>ICAO/IATA</b>
UN number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable			
Additional information	Custom tariff No. 32061900			

**Special precautions for user**

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Maritime transport : Not applicable.

bulk according to IMO

instruments

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes.

The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport.

All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**15. REGULATORY INFORMATION**

According to Directive 67/548/EEC & Directive 1999/45/EC: Not classified as dangerous for supply/use Safety, health and environmental

Regulations/legislations specific for the substance or mixture :Not available

<b>16. OTHER INFORMATION</b>
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Annex to the extended Safety Data Sheet (eSDS)

ADR : European Agreement concerning international carriage of Dangerous goods by Road

CAS : Chemical Abstracts Service

EC : European Community

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

**DATA SOURCES**

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on “Safe Handling of Pigments”, European Edition 1995, BCMA, EPSOM ETAD, VdMi

HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties

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