

MATERIAL SAFETY DATA SHEET

Issue date: 17/10/2018; Rev. 02

Complies with Reg. (EU) 830/2015

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product code: MALPIGHIA PUNICIFOLIA POWDER EXTRACT 50% VITAMIN C
Trades code: 014620

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

Raw material for professional use [SU22]
Do not use for purposes other than those listed

1.3 Details of the supplier of the safety data sheet

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1.4 Emergency telephone number

Emergency number 112 (EU)
France +33(0)145425959
Germany +49(0)613119240
Spain +34915620420
Greece 2107793777
Netherlands +31(0)302748888
Croatia +38512348342
Switzerland 145; Latvia +37167042473

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Reg. (EC) No 1272/2008: nonhazardous

2.2 Label elements

Labelling according to Reg. (EC) No 1272/2008:
P261. Avoid breathing dust/fume/gas/mist/vapours/spray

2.3 Other hazards

Substance/mixture meets the criteria for PBT/vPvB according to Reg. (EC) No 1907/2006, Annex XIII
No information on other hazards.
This document is outside the scope of Article 31 of REACH

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Components	%	CAS	EINECS/ELINCS	Classification according to Reg. (EC) N° 1272/2008
Malpighia punicifolia fruit extract	To 100	/	/	Not applicable
Vitamin C	≤ 48	50-81-7	200-066-2	Not applicable
Maltodextrin	≤ 43	9050-36-6	232-940-4	Not applicable
Water	≤ 5	7732-18-5	231-791-2	Not applicable
Silica	≤ 2	7631-86-9	231-545-4	Not applicable

SECTION 4. First aid measures

4.1 Description of first aid measures

In case of inhalation: get away from the product and go to ventilated area. Ventilate the area

In case of contact with skin: wash with plenty of soap and water

In case of contact with eyes: wash with plenty of water

If swallowed: consider the amount ingested. You can administer activated charcoal in water

If you feel unwell, seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

If symptoms, apparently due to inhalation, contact with eyes, skin or ingestion of the product, arise and persist, consult a doctor. Show this safety data sheet to the doctor

SECTION 5. Firefighting measures

5.1 Extinguishing media

Advised extinguishing agents: water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid: water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

In case of fire, carbon monoxide (CO) and carbon dioxide (CO₂) may be liberated; exposure to combustion or decomposition products can result in serious damage to health

5.3 Advice for firefighters

Use protection for the respiratory tract, safety helmet and full protective clothing

Breathing apparatus should be used, especially, if you work in closed places, poorly ventilated and in every case if you use halogenated extinguishing (fluobrene, Solkane 123, NAF etc.)

Cool containers with water jets

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition or heat from the place in which the leak occurred. In case of airborne dust or vapors, use breathing equipment. Do not handle damaged containers or leaked product before donning appropriate protective gear. Use personal protective equipment

6.2 Environmental precautions

Prevent the entering of product in sewers, surface water, ground water and neighboring areas

If the product has drained into a river, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities

Dispose of waste in compliance with current regulations

6.3 Methods and material for containment and cleaning up

Contain leaks with inert absorbent material (sand, vermiculite, diatomaceous earth)

Collect the majority of the remaining material and deposit it in containers for disposal

After collection, wash with water (if there are no contraindications) the area and materials involved

Ensure adequate ventilation of the place affected by the loss

The disposal of contaminated material must be made in accordance with the provisions of section 13

6.4 Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1 Precautions for safe handling

During handling and use, avoid contact and inhalation of vapors, prevent contact of the powder with ignition sources such as open flames, sparks, etc.

At work do not eat or drink.

7.2 Conditions for safe storage, including any incompatibilities

Keep in original and tightly closed containers. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3 Specific end use(s)

No data available

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

It does not contain substances with occupational exposure limit value

8.2 Exposure controls

Eye and face protection: not needed for normal use. If it is necessary to protect the eyes and face, use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU) and NIOSH (USA)

Hand protection: handle with gloves. Gloves must be inspected before being used to verify their integrity. Dispose contaminated gloves after use in accordance with applicable governmental regulations. Wash and dry your hands. The selected protective gloves have to satisfy the requirements in Directive 88/686/EEC and the standard EN 374 derived from it

Respiratory protection: not needed for normal use. If it is necessary to protect against dust, use a dust mask with filter type P1 (EN143). Use respirators and components tested and approved by the relevant bodies, such as CEN (EU) and NIOSH (USA)

Body protection: Wear normal work clothing

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Hygroscopic powder
Color	From light brown to yellow
Odour	Characteristic
Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Approx. 0,5 g/ml
Solubility	Partially soluble in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2 Other information

No data available

SECTION 10. Stability and reactivity

10.1 Reactivity

The mixtures product/air are explosive in certain conditions

10.2 Chemical stability

No hazardous reactions if used and stored according to provisions

10.3 Possibility of hazardous reactions

In contact with ignition sources possibility of fire/explosion

10.4 Conditions to avoid

Simultaneous presence of finely divided powder in the air and ignition sources. Heat, flames, sparks. Avoid storage in poorly ventilated areas. Do not store the substance in direct sunlight. Avoid extreme humidity conditions. Avoid the accumulation of electrostatic charges

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In case of combustion, carbon oxides

SECTION 11. Toxicological information

Acute toxicity: no data available

Irritation: no data available

Corrosivity: no data available

Sensitization: no data available

Specific target organ toxicity:

- after repeated exposure: no data available
- after a single exposure: no data available

Carcinogenicity: no component of this product present at levels $\geq 0,1\%$ is identified as a known or anticipated carcinogen by the IARC

Mutagenicity: no data available

Potential health effects:

- inhalation: it may cause respiratory irritation. Prolonged inhalation of dust may lead to serious consequences
- ingestion: no risk in the recommended doses
- skin: no data available
- eye: it may cause irritation
- signs and symptoms of exposure: to the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated

Additional information: not recommended for use during pregnancy and lactation.

SECTION 12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

No known significant bioaccumulation phenomena

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Substance/mixture meets the criteria for PBT/vPvB according to Reg. (EC) No 1907/2006, Annex XIII

12.6 Other adverse effects

No data available

SECTION 13. Disposal considerations

Do not reuse empty containers. Dispose in compliance with current regulations. Any remaining product should be disposed according to current regulations addressing to authorized companies. Do not discharge into drains and the environment

SECTION 14. Transport information

14.1 UN number

Not included in the scope of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO/IATA); by sea (IMDG)

14.2 UN proper shipping name

None

14.3 Transport hazard class(es)

None

14.4 Packing group

None

14.5 Environmental hazards

None

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

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

This data sheet complies with the requirements of Reg. (EC) 2006/1907, Reg. (EC) 2008/1272, Reg. (EU) 2010/453. The user have to check and verify the compliance with certain European, national, regional and local measures concerning hazardous activities and environmental protection

15.2 Chemical safety assessment

Chemical safety assessment was not carried out on this product

SECTION 16. Other information

Abbreviations and acronyms:

- PBT: persistent, bioaccumulative and toxic substances
- vPvB: very persistent and very bioaccumulative substances
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulations concerning International Carriage of Dangerous Goods by Rail
- IMDG: Regulations concerning International Maritime Dangerous Goods
- IATA: Regulations concerning International Air Transport Association

References:

- European Commission
- Institute of Health and Consumer protection;
- Decision (EC) 2006/257
- IARC (International Agency for Research on Cancer)
- Reg. (EC) 1907/2006
- Reg. (EC) 1272/2008
- Reg. (EC) 453/2012
- Reg. (EC) 1223/2009
- Reg. (EU). 1169/2011
- European Commission Health and Consumers CosIng
- EFSA – Compendium of botanicals That sono stati reported to Contain toxic, addictive, psychotropic or other substances of concern
- ECHA – European Chemicals Agency

The above information refers to the current state of our knowledge. However, users must ensure the suitability and completeness of such information in relation to the specific use they intend to do