

Material Safety Data Sheet

According to (EC) No 1907/2006 (REACH) and 1272/2008 (CLP)

EN

FORM-06-14-01 (V00)

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GARCINIA HYDROXYCITRICUM EXTRACTUM PULVIS

Publication: 15/09/2022

Revision: 28/06/2024

Version: 01



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name:	Powdered garcinia hydroxycitrate extract Garcinia hydroxycitricum extractum pulvis Garcinia hydroxycitraat extract, poeder Garcinia extrait hydroxycitrique, forme pulvérulente Garcinia Cambogia Extrakt, Pulver
N° CAS:	90045-23-1
N° EC:	289-882-8

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

Identified uses:	Active Pharmaceutical Ingredient or Excipient.
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1.3 Details of the supplier of the safety data sheet

Company:	Magis-Pharma NV Neerlandweg 24 2610 Wilrijk Belgium
Telephone:	(+32) (0)3 457 11 76
Email:	info@magis-pharma.be
Web page:	www.magis-pharma.be

1.4 Emergency telephone number

Public utility foundation:	Belgisch Antigifcentrum	Centre Antipoisons Belge
Telephone:	(+32) (0)70 245 245	(Service 24/7)
Web page:	www.antigifcentrum.be	www.centreantipoisons.be

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture

Classification according to (EC) n° 1272/2008

This substance does not meet the criteria for a classification according to Regulation No 1272/2008/EC.

2.2 Label elements

Labelling according to (EC) n° 1272/2008

Hazard pictogram(s):	Not applicable.
Signal word(s):	Not applicable.
Hazard statements:	Not applicable.
Precautionary statements:	Not applicable.
Additional applicable label elements:	Not applicable.

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2.3 Other hazards

Dust explosion hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Product name:	Powdered garcinia hydroxycitrate extract
IUPAC name:	Not available.
Synonyms:	Garcinia cambogia, ext.
N° CAS:	90045-23-1
N° EC:	289-882-8
Molecular Formula:	Not available.
Content:	Powdered Garcinia Hydroxycitrate Extract is prepared from <i>Garcinia cambogia</i> or <i>Garcinia indica</i> by extraction with water, alcohol, or mixtures of these solvents, followed by stabilization of the (–)-hydroxycitric acid content in the form of a calcium, potassium, magnesium, and/or sodium salt. The ratio of plant material to extract is about 5:1 to 10:1. It contains NLT 40% of (–)-hydroxycitric acid, calculated on the dried basis. It may contain suitable added substances.

3.2 Mixtures

Not applicable.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes:	If in doubt or if symptoms persist, consult a doctor. If unconscious, place the victim in the stable side-position. Do not give anything by mouth.
After skin contact:	Rinse skin with water/shower.
After eye contact:	Keep eyelids open and flush with clean, flowing water.
After ingestion:	Consult a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:	Water, foam, alcohol resistant foam, dry extinguishing powder, ABC powder, carbon dioxide (CO ₂).
Unsuitable extinguishing media:	Full water jet.

5.2 Special hazards arising from the substance/mixture

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Dust explosion hazard.

Dust deposits can accumulate on all surfaces in a working area.

5.3 Advice for firefighters

Surrounding fires:

In case of fire and/or explosion, do not breathe fumes. Adapt fire-fighting measures to the surrounding area. Do not allow fire extinguishing water to enter sewers or surface water. Collect contaminated fire extinguishing water separately. Fight fire with normal precautions from a reasonable distance. As applicable with all fires, evacuate personnel to a safe area.

Protection against fire:

Wear self-contained breathing apparatus.

Hazardous combustion products:

Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Not required.

For emergency responders

Not required.

6.2 Environmental precautions

Not available.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Place in suitable containers for disposal. Ventilate the affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling:

Avoid inhalation of dust, mist, vapours of associated material.

Specific remarks/information:

Layering, deposition and accumulation of flammable dusts must be taken into account in the same way as any other cause that can give rise to hazardous explosive atmospheres. Dust deposits may accumulate on all surfaces in a workplace. The product in its delivered form is not capable of causing a dust explosion, but the enrichment of fine dust leads to the danger of a dust explosion.

Advice on general occupational hygiene:

Wash hands after use. Do not eat, drink or smoke in work areas.

Personal protection:

Not available.

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Technical protective measures:

Measures to prevent fire, aerosol or dust generation:

Take precautionary measures against static discharges. Only hoovers with an ignition source-free design may be used for vacuuming combustible dusts. Ground storage and collection containers. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools.

Handling:

Not available.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Store in a tight container. Store only in the original container.

Danger of ignition: Ground storage and collecting container.

Conditions for safe storage, including any incompatibilities:

Store at a controlled room temperature. Recommended storage temperature: 5 - 25 °C. Ventilation requirements: Use of local and general ventilation.

Storage – away from:

Store protected from light and moisture.

7.3 Specific end use(s)

Active Pharmaceutical Ingredient or Excipient

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Not available.

8.2 Exposure controls

Appropriate engineering control

Well-ventilated environment with exhaust facility.

Individual protection measures

Eye/face protection:

Wear safety goggles.

Skin protection:

Wear suitable protective clothing to protect exposed skin, wear headgear and mask

Hand protection:

Wear suitable gloves.

Material: NBR: acrylonitrile-butadiene rubber.

Breakthrough time of the glove material: > 60 minutes (permeation level: 3).

Material thickness: > 0.12 mm.

Respiratory protection:

(In case of inadequate ventilation) wear respiratory protection. The use of an approved dust mask is recommended.

Particle filter (EN 143).

P1 (filters at least 80% of airborne particles, colour code: white).

Thermal hazards:

Not determined.

Environmental exposure control

Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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9.1 Information on basic physical and chemical properties

Appearance:	Light brown hygroscopic powder.
Odour:	Characteristic.
Odour threshold:	Not available.
pH:	Not available.
Melting/freezing point:	Not available.
Initial boiling point:	Not available.
Boiling range:	Not available.
Flash point:	> 100 °C
Evaporation rate:	Not available.
Flammability (solid/gas):	This material is flammable, but will not easily catch fire.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	Not available.
Solubility:	Not available.
Solubility in water:	Soluble.
Partition coefficient (n-octanol/water):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not relevant (solid).
Explosive properties:	Dust explosion hazard.
Oxidising properties:	None.

9.2 Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

For incompatible products, see "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal atmospheric conditions and expected temperature and pressure during storage and handling.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

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There are no specific conditions known which should be avoided.

Indications on how to avoid fire and explosions: The product in the delivered form is not capable of causing a dust explosion, however the enrichment of fine dust leads to a dust explosion hazard.

10.5 Incompatible materials

Not available.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Not available.
Skin corrosion/irritation:	Cannot be classified as corrosive/irritating to skin. Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Cannot be classified as serious eye damage or irritation. Based on available data, the classification criteria are not met.
Respiratory/skin sensitisation:	Does not classify as inhalation or skin allergy. Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Cannot be classified as germ cell mutagen. Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classifiable as a carcinogen. Based on available data, the classification criteria are not met.
Reproductive toxicity:	Not classifiable as toxic for reproduction. Based on available data, the classification criteria are not met.
Summary of evaluation of the CMR properties:	Not available.
STOT-single exposure:	Cannot be classified as toxic to specific target organs (single exposure). Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Cannot be classified as toxic to specific target organs (repeated exposure). Based on available data, the classification criteria are not met.
Aspiration Hazard:	Not classifiable as hazardous by aspiration. Based on available data, the classification criteria are not met.
Other:	Not available.

11.2 Additional information on potential adverse human health effects and symptoms

Eye contact:	Not available.
Skin contact:	May cause irritation.
Inhalation:	Not available.

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Ingestion: May cause irritation.

Aspiration: Not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Cannot be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Not available.

12.6 Other adverse effects

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Information about disposal: Recycling.

Information about waste water disposal: Do not empty into drains.

Waste treatment of containers/packaging: Completely emptied containers can be recycled.

Notes: Please observe the relevant national or regional regulations.

SECTION 14: TRANSPORT INFORMATION

Transport information according to ADR/RID/IMDG/ICAO/IATA

14.1 UN Number

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.2 UN proper shipping name

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.3 Transport hazard class(es)

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.4 Packing group

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ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.5 Environmental hazards

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.6 Special precautions for user

Not available.

14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not available.

14.8 Additional transport information

Not subject to transport regulations.

SECTION 15: REGULATORY INFORMATION

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

Hazard symbol: Not applicable.
Risk phrases: Not applicable.
Safety phrases: Not applicable.

15.2 Chemical safety assessment

No chemical safety assessment is required for this substance.

SECTION 16: OTHER INFORMATION

16.1 Changes since the previous version

Not applicable.

16.2 Abbreviations and acronyms used

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstracts Service (division of the American Chemical Society)
EC (number): European Community (number)
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
IUPAC: International Union of Pure and Applied Chemistry
PBT: Persistent, Bioaccumulative and Toxic substance
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
STOT: Specific Target Organ Toxicity
UN (number): United Nations (number)
vPvB: very Persistent and very Bioaccumulative

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16.3 Key literature references/sources for data

European Chemicals Agency.

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/>

16.4 Method of classification in case of mixture

Not applicable.

16.5 Relevant Hazard statements and/or precautionary statements

For information on hazard and/or precautionary statements refer to section 2 up to and including section 15.

16.6 Training advisement

Not available

16.7 Notice for user(s)

The information provided in this MSDS has been established in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council, on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC of the Commission.

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16.8 Department issuing MSDS

Quality Department

FAC SECUNDUM ARTEM NV

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