

SAFETY DATA SHEET



according to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH),
as amended

Peony powder

Creation date March 31, 2021
Date of revision

Version number 1.0

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

1.1 Product identifier Substance /

mixture Other
substance names

Peony powder
substance
Paeonia officinalis root powder

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

Intended uses of the substance for cosmetic use.

Usage Descriptor System

PW Widely used by professional workers

Unrecommended use of the substance

The product must not be used in ways other than what they are listed in section 1.

Chemical Safety Report

1.3 Details of the supplier of the safety data sheet

Supplier

Name or business name Ekokoza sro
Address Fryčovice 297, Fryčovice, Czech 73945
Republic
Identification number (IyO) 07508247
Telephone 605779993
Email obchod@ekokoza.cz
Website address www.ekokoza.cz

Distributor

Name or business name Ekokoza sro
Address Fryčovice 297, Fryčovice, 73945
Czech Republic
Identification number (IyO) 07508247
Telephone 605779993
Email obchod@ekokoza.cz
Website address www.ekokoza.cz

E-mail address of the professionally qualified person responsible for the safety data sheet

Name Ekokoza sro
Email obchod@ekokoza.cz

1.4 Telephone number for emergencies

Toxicology Information Center, Na Bojišti 1, Prague, Tel.: 224 919 293 or 224 915 402, Information only for health risks – acute poisoning of people and animals.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification of the substance according to Regulation (EC) No. 1272/2008

The substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

The full text of all classifications and H-phrases is given in section 16.

2.2 Marking elements

none

2.3 Another danger

The substance does not meet the criteria for PBT or vPvB substances in accordance with Annex XIII, Regulation (EC) No. 1907/2006 (REACH), in force wording.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characteristics

The substance below.

none

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SECTION 4: First aid measures Description of

4.1 first aid measures Take

care of your own safety. In the event of health problems or in case of doubt, inform the doctor and provide him with the information from this safety data sheet.

In case of

inhalation Stop exposure immediately, move victim to fresh air.

In case of skin

contact Remove contaminated clothing.

In case of contact

with the eyes, immediately flush the eyes with a stream of running water, open the eyelids (perhaps by force); if the victim wears contact lenses, remove them immediately.

If swallowed

Rinse mouth with clean water. In case of difficulties, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation Not

expected.

In contact with the

skin Not expected.

On contact with the eyes

They are not expected.

Ingestion

Not expected.

4.3 Indication of immediate medical attention and special treatment Symptomatic treatment.

SECTION 5: Fire-fighting measures 5.1

Extinguishing media

Suitable extinguishing agents

Match the fire extinguishers to the surroundings of the fire.

Unsuitable extinguishing

agents not listed

5.2 Special hazards arising from the substance or mixture Carbon and

carbon monoxide and other toxic gases may be produced in case of fire. Inhalation of dangerous decomposition (pyrolysis) products can cause serious damage to health.

5.3 Instructions for firefighters Self-

contained breathing apparatus and gloves resistant to chemical substances. Use self-contained breathing apparatus and a full-body protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Follow the

instructions contained in sections 7 and 8.

6.2 Environmental precautions Avoid soil contamination and

release to surface or ground water.

6.3 Methods and material for containment and cleaning up

Collect the product mechanically in a suitable way. Dispose of the collected material according to the instructions in section 13.

6.4 Reference to other sections See

section 7, 8 and 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment according to section 8. Observe applicable safety and security legislation health.

7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures

Store in tightly closed containers in cool, dry and well-ventilated places designated for this purpose.

7.3 Specific end/specific end uses

not specified

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

none

8.2 Limiting Exposure

Do not eat, drink or smoke while working. Wash your hands thoroughly with soap and water after work and before breaks for meals and rest.

Eye and face protection

Not necessary.

Skin protection

Use protective gloves for prolonged or repeated contact.

Respiratory protection

Not necessary.

Thermal hazard

Not listed.

Limiting environmental exposure

Observe the usual environmental protection measures, see point 6.2.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

appearance of powders

state color

solid at 20°C

beige

odor

characteristic

odor threshold pH melting

the data is not available

point / freezing point initial

the data is not available

boiling point and boiling point range flash point

the data is not available

evaporation

>100 °C

rate flammability

not applicable

(solids, gases) upper/lower

the data is not available

flammability or explosive limits

flammability limits

the data is not available

explosion limits

the data is not available

vapor

the data is not available

pressure vapor

the data is not available

density relative density

the data is not available

solubility

water solubility fat

the data is not available

solubility partition

the data is not available

coefficient: n-octanol/water autoignition

the data is not available

temperature

the data is not available

decomposition

the data is not available

temperature viscosity

the data is not available

explosive properties

the data is not available

oxidizing properties

the data is not available

9.2 More information

density

the data is not available

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ignition temperature

number is not available

SECTION 10: Stability and reactivity**10.1 Reactive**

The substance is non-flammable.

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

They are not known.

10.4 Conditions to Avoid

Under normal use, the product is stable, does not decompose. Protect from flames, sparks, overheating and from cold.

10.5 Incompatible materials Protect

from strong acids, bases and oxidizing agents.

10.6 Hazardous decomposition products

They do not arise under normal use. At high temperatures and in case of fire, dangerous products such as carbon monoxide and carbon dioxide are formed.

SECTION 11: Toxicological information**11.1 Information on toxicological effects** No toxicological data are available for the substance.**Acute toxicity**

Based on the available data, the classification criteria are not met.

Skin corrosion/irritation Based on

available data, the criteria for classification are not met.

Serious eye damage / eye irritation Based on

available data, the classification criteria are not met.

Respiratory sensitization / skin sensitization Based on

available data, the classification criteria are not met.

Germ cell mutagenicity Based on available

data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity Based

on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure Based on available data,

the classification criteria are not met.

Specific target organ toxicity - repeated exposure Based on available

data, the classification criteria are not met.

Aspiration hazard Based on

available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1 Toxicity**

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Acute toxicity

Based on available data, the classification criteria are not met.

12.2 Persistence and Deployability

The data is not available.

12.3 Bioaccumulative potential Not stated.**12.4 Mobility in soil**

Not listed.

12.5 Results of PBT and vPvB assessment

The product does not contain substances meeting the criteria for PBT or vPvB substances in accordance with Annex XIII, Regulation (EC) no. 1907/2006 (REACH), as amended.

12.6 Other adverse effects Not specified.**SECTION 13: Disposal instructions 13.1****Waste management methods** Risk of

environmental contamination, proceed according to Act No. 185/2001 Coll. on waste, as amended, and according to implementing regulations on waste disposal. Follow the applicable waste disposal regulations. Place the unused product and the contaminated packaging in marked containers for waste collection and hand it over to an authorized person for waste disposal (a specialized company) that is authorized for this activity. Do not pour the unused product down the drain.

It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incinerator or stored in a landfill of the appropriate classification. Perfectly cleaned packaging can be sent for recycling.

Legal regulations on waste Act

No. 185/2001 Coll., on waste, as amended. Decree No. 383/2001 Coll., on the details of waste management, as amended. Decree No. 93/2016 Coll., (waste catalog), as amended. Decree No. 94/2016 Coll., on the assessment of hazardous waste properties, as amended.

SECTION 14: Transport information 14.1**UN number**

Not subject to ADR regulations.

14.2 Official (UN) shipping name not given**14.3 Transport hazard class(es).**

not specified

14.4 Packaging group not

specified

14.5 Environmental hazard not specified**14.6 Special precautions for user** Reference in sections 4 to 8.**14.7 Bulk transport according to Annex II of the MARPOL Convention and the IBC Regulation**

not specified

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SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/substance-specific legislation or mixtures

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the registration, evaluation, authorization and restriction of chemical substances, on the establishment of the European Agency for Chemical Substances, on the amendment of Directive 1999/45/EC and on the repeal of Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation of the European Parliament and of the Council (EC) No. 1272/2008 of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, on the amendment and repeal of Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006, as amended. Act No. 350/2011 Coll., on Chemical Substances and Chemical Mixtures and to change some laws (chemical law). Act No. 258/2000 Coll., on the protection of public health, as amended. Ordinance of the Government No. 361/2007 Coll., which establishes the conditions of health protection at work, as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its detection and the implementation of some other provisions of the Act on Air Protection, in valid wording. Act No. 185/2001 Coll., on waste and its implementing regulations, as amended. Act No. 201/2012 Coll., on air protection, as amended. Decree No. 432/2003 Coll., which establishes the conditions for classifying works into categories, limit values of indicators of biological exposure tests, conditions for sampling biological material for carrying out biological tests of exposure tests and requirements for reporting work with asbestos and biological agents, as amended.

15.2 Chemical safety assessment not specified

SECTION 16: Further information

Additional information important from the point of view of safety and protection of human health

The product must not - without the special consent of the manufacturer/importer - be used for a purpose other than that specified in section 1. User is responsible for compliance with all relevant health regulations.

Legend to abbreviations and acronyms used in the safety data sheet

ADR	European agreement on the international transport of dangerous goods by road
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures
TODAY	The derived level at which no adverse effects occur
EC ₅₀	The concentration of a substance at which 50% of the population is affected
EINECS	European list of existing traded chemical substances
EmS	Contingency plan
IS	The EC number is a numerical identifier of substances on the EC list
EU	European Union
ITAT	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Hazardous Chemicals in Bulk
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International maritime transport of dangerous goods
PEARL	International nomenclature of cosmetic ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance that can be expected to cause the death of 50% of the population
LD ₅₀	Lethal dose of a substance that can be expected to cause the death of 50% of the population
LOAEC	The lowest concentration with an observed adverse effect
LOEL	The lowest dose with an observed adverse effect
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
NOAH	Concentration with no observed adverse effect
NOAEL	No-observed-adverse-effect dose value
NOEC	Concentration without observed effects
NOEL	No-observed-effect dose value
NPK	The highest permissible concentration
OIL	Exposure limits in the workplace
PBT	Persistent, bioaccumulative and toxic
PEL	Permissible exposure limit
PNEC	An estimate of the concentration at which no adverse effects occur
ppm	Number of particles per million (millionth)

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REACH	Registration, evaluation, authorization and restriction of chemical substances
RID	Agreement on the carriage of dangerous goods by rail
AND	The four-digit identification number of the substance or article taken from the UN Model Regulations
UVCB	Substance of unknown or variable composition, complex reaction product, or biological material
VOC	Volatile organic compounds
vPvB	Highly persistent and highly bioaccumulative

Training Guidelines

Familiarize workers with the recommended method of use, mandatory protective equipment, first aid and prohibited items manipulations with the product.

Recommended use restrictions

not specified

Information on data sources used in compiling the safety data sheet

Regulation of the European Parliament and of the Council (EC) No. 1907/2006 (REACH), as amended. Regulation of the European Parliament a Council (EC) No. 1272/2008, as amended. Act No. 350/2011 Coll., on chemical substances and chemical mixtures, in force wording. Principles for providing first aid in case of exposure to chemical substances (Doc. Daniela Pelclová, M.D., CSc., M.D. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jijina Fridrichovská, prom. chem.). Data from the manufacturer of the substance/mixture, if available - data from the registration documentation.

More information

Classification procedure - calculation method.

Declaration

The safety data sheet contains information to ensure safety and health protection at work and environmental protection. Listed the data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of suitability and usability of the product for a specific application.