

SAFETY DATA SHEET

BEESWAX YELLOW PEARLS

according to Regulation (EC) No. 1907/2006 (REACH)
and Commission Regulation (EU) No. 2015/830

release date: 18/12/2009
revision date: 17/07/2019
version: E

Section 1: Identification of the substance/mixture and the company/enterprise

1.1 Product identifier

Chemical / trade name: **BEESWAX YELLOW PEARLS, white pearls**
CAS number: 8012-89-3
Manufacturer: Ekokoza s.r.o.
Address: Fryčovice 297
73945, Fryčovice

1.2 Relevant determinations of use of the substance or mixture and advised against uses

Intended uses: Cosmetic industry.
Unrecommended uses: Not listed.

1.3 Detailed data on the supplier of the safety data sheet

Trade name: Ekokoza s.r.o.
Punch: Fryčovice 297
Identification number: 73945, Fryčovice
Phone:
www:
BL processor:

1.4 Telephone number for emergency situations

Toxicology Information Centre, Na Bojišti 1, Prague 2, 128 08 Tel.: +420 224
91 92 93, +420 224 91 54 02 - NONSTOP

Section 2: Hazard identification

2.1 Classification of substance / mixture

(EC) Classification according to Regulation No. 2.1.1 1272/2008 (CLP): The product is not classified as dangerous according to Regulation (EC) No. 1272/2008 (CLP).

2.2 Marking elements

Labeling according to Regulation (EC) No. 1272/2008 (CLP):
Symbol: Not classified.
Signal word: Not classified.
Contains: Yellow
H-phrases: Beeswax
P-instructions: Not classified.
Additional information: They are not. Not classified.

2.3 Other hazards

see section 12.5

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Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Folder name	Contents (%)	TIME EINECS Index N° Reg. number	Classification according to regulation (EC) no. 1272/2008 (CLP)
Cera flava or Cera album	100	8012-89-3 - - -	Not classified

Full text of H-phrases in point 16.

Section 4: First aid instructions

4.1 Description of first aid

General instructions:	In case of accident or if you feel unwell, seek medical attention immediately (show this SDS or the label if possible).
When inhaling:	Move the victim to fresh air, keep him calm, prevent hypothermia. In case of problems, seek medical help.
In case of skin contact:	Take off the stained clothing, wash the affected area thoroughly with soap and water, treat with a suitable cream.
In case of eye contact:	Rinse immediately with plenty of water. If contact lenses are worn, carefully remove them and start rinsing the affected eye wide open with clean water from the inner corner to the outer corner and also under the lids for at least 15 minutes. Seek medical attention if problems persist.
If ingested:	Rinse mouth with water, never induce vomiting. Seek medical attention immediately.
Protecting first responders:	First and foremost, keep your own safety and protection in mind.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment

It is generally recommended for ingestion.

Section 5: Fire fighting measures

5.1 Fire extinguishers

Suitable extinguishing agents:	Foam, dry powder, carbon dioxide.
Unsuitable extinguishing agents:	Direct stream of water - fire could spread.

5.2 Special hazards arising from the mixture

In case of fire, carbon dioxide may be produced.

5.3 Instructions for firefighters

Do not enter the fire area without protective equipment, including self-contained breathing apparatus.
Use a water shower or mist to cool containers exposed to fire. Prevent the leakage of extinguishing water into the environment.

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Section 6: Accidental release measures

6.1 Personal protection measures, protective equipment and emergency procedures

Use PPE - suitable protective clothing, gloves and eye and face protection.
Eliminate all possible sources of ignition and ignition. Ensure ventilation of the affected area. All persons not involved in rescue work should be sent to a safe distance.

6.2 Environmental protection measures

Prevent leakage into the environment, prevent entry into surface water and sewage. In the event of a leak into a sewer or watercourse, immediately inform its manager, or competent authorities.

6.3 Methods and material for containment and cleaning up

In the event of a leak, locate and, if possible, pump out the product or mechanically remove it, remove it from the surface of the water. Allow residues or smaller amounts to soak into a suitable sorbent (Vapex, diatomaceous earth, sand) and place in suitable marked containers and hand over for disposal in accordance with applicable regulations.

6.4 Reference to Other Sections

see dept. 7, 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use appropriate PPE. Use in well-ventilated areas with a guaranteed supply of fresh air. Do not eat, drink or smoke while working. Wash hands after finishing work. Comply with legal regulations on occupational health and safety.

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

Store in well-closed original packaging in a dry, cool and well-ventilated place. Store away from heat, sparks, open flames.

7.3 Specific end / specific end uses

see dept. 1.2

Section 8: Exposure controls / personal protective equipment

8.1 Control parameters

Exposure limits:

Government Regulation No. 361/2007 Coll., which establishes the conditions of health protection at work, as amended, establishes the following maximum permissible concentrations (NPK-P) and permissible exposure limits (PEL) of chemical substances in the workplace air:

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Substance	TIME	PEL (mg/m ³)	NPK-P (mg/m ³)	Note
No data available				

Substances for which a Community exposure limit is set:

Substance	TIME	Limit values		Note
		OEL (mg/m ³)	STEL (mg/m ³)	
No data available				

DAYS:

Workers			Consumers		
Exposure type	Way exposure	Value	Exposure type	Way exposure	Value
Systemic chronic	Dermal	No data available	Systemic chronic	Dermal	No data available
Systemic chronic	Inhalation	No data available	Systemic chronic	Inhalation	No data available
			Systemic chronic	Oral	No data available
Systemic acute	Inhalation	No data available	Systemic acute	Inhalation	No data available
Local chronic	Inhalation	No data available	Local chronic	Inhalation	No data available
Local chronic	Dermal	No data available	Local chronic	Dermal	No data available
Local acute	Dermal	No data available	Local acute	Dermal	No data available
Local acute	Inhalation	No data available	Local acute	Inhalation	No data available

PNEC:

Environmental/organism component		PNEC	Value
Inland	Freshwater environment	PNEC water, malt.	No data available
	Freshwater environment - Occasional release	PNEC water, malt.	No data available
	Freshwater sediment	PNEC sed., malt.	No data available
	Soil	PNEC land	No data available
	Microorganisms	PNEC micro-org.	No data available
	Terrestrial predators	PNEC spoke.	No data available
	Waste water treatment plant	PNEC CHOV	No data available
	Predatory fish	PNEC spoke.	No data available
	Predators eating fish	PNEC spoke.	No data available
Sea	Sea water	PNEC water, sea	No data available
	Marine sediment	PNEC sed., sea	No data available
	Predators	PNEC oral., pre.	No data available
	Apex predators	PNEC oral., top-pred.	No data available

DNEL and PNEC values for the other components of the mixture have not been determined.

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8.2 Limiting Exposure

Technical measures: Engineering measures and appropriate work procedures take precedence over personal protective equipment.
Observe normal hygiene principles. Do not eat, drink or smoke while working. Wash your hands with warm water and soap before a work break and after work.

Individual protective measures

Respiratory tract: When creating an aerosol, use an escape mask with filter A, AX (brown) or another suitable type against organic gases and vapors of organic substances according to ĽSN EN 14387.

Hands: Protective work gloves resistant to petroleum substances, preferably made of nitrile or neoprene rubber, according to ĽSN EN 374. Follow the exact instructions from the manufacturer, including the period of use. Replace damaged gloves immediately.

Eyes: Safety glasses with side labels or a face shield, according to ĽSN EN 166.

Skin: Work clothes (ĽSN EN 340) and footwear (ĽSN EN 347).

Thermal hazards: No data available.

Limiting environmental exposure: Prevent unnecessary leaks into the environment.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Wax, becomes soft and pliable when warmed by hands

Color: Yellow to dark yellow

Odor: Characteristic.

Odor Threshold: pH : No data available.

Melting / freezing point (°C): 61 – 66

Initial boiling point / boiling point range (°C): No data available.

Flash point (°C): No data available.

Combustibility: No data available.

Limits (upper / lower) of flammability / explosiveness: No data available.

Vapor pressure (20 °C): No data available.

Vapor density: No data available.

Relative density (g/cm³, 20 °C): 0.98

Solubility in water (20 °C): Insoluble. No

Partition coefficient n-octanol/water: data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity (20 °C): No data available.

Refractive index (20 °C) No data available.

Oxidizing properties: No data available.

Explosive properties: No data available.

9.2 Additional Information

VOC content (%): No data available.

Dry matter No data available.

content: Additional information: Fat soluble.

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Section 10: Stability and reactivity

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	It isn't.
10.4 Conditions to Avoid	Stable under normal conditions.
10.5 Incompatible Materials	Practically none.
10.6 Hazardous decomposition products	They are not.

Section 11: Toxicological information

11.1 Information on toxicological effects

Individual components

Cera Alba (CAS: 8012-89-3)

Acute toxicity:

Test type	Result	Route of exposure	Test organism
	No data available		

Serious eye damage/irritation:

Test type	Result	Route of exposure	Test organism
	No data available.		

Skin corrosion/irritation:

Test type	Result	Route of exposure	Test organism
	No data available.		

Respiratory/Skin Sensitization:

Test type	Result	Route of exposure	Test organism
	No data available.		

STOT - single exposure:

Test type	Result	Route of exposure	Test organism
	No data available.		

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STOT - repeated exposure:

Test type	Result	Route of exposure	Test organism
	No data available.		

Carcinogenicity:

Test type	Result	Route of exposure	Test organism
	No data available.		

Germ cell mutagenicity:

Test type	Result	Route of exposure	Test organism
	No data available.		

Reproductive toxicity:

Test type	Result	Route of exposure	Test organism
	No data available.		

Inhalation hazard:

Test type	Result	Route of exposure	Test organism
	No data available.		

Section 12: Ecological information

12.1 Toxicity

Cera Alba (CAS: 8012-89-3)

Toxicity	Test organism	Result	Test type
Acute toxicity to fish:		No data available.	
Acute toxicity to invertebrates:		No data available.	
Acute toxicity to algae:		No data available.	

12.2 Persistence and Deployability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other Adverse Effects

No data available.

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Section 13: Disposal considerations

13.1 Waste management methods

Cat. No. No data available.

Empty packaging contaminated with mixture: No data available.
mixture:

Recommended procedure for disposal of mixture waste: According to the applicable legislation

Recommended disposal procedure Empty packaging must be disposed of by the waste generator in accordance with applicable waste waste packaging contaminated with substance / legislation. Recommended method of disposal in an incinerator. Properly emptied a mixture: cleaned packaging can be recycled - reused for the same purposes.

Physical/chemical properties that may affect waste management: No data available.

Prevention of disposal of wastes through sewers: Protect against the weather. Prevent leakage of waste into water/soil/sewage. In case of leakage, inform the relevant authorities.

Special precautions for waste management: Dispose in accordance with applicable legislation.

Section 14: Transport information

	Transport type	Land transport ADR/RID	Sea transportation IMDG	Air transport ICAO / IATA
14.1	UN number			
14.2	Official (UN) shipping name	It is not a dangerous item in terms of transport.		
14.3	Transport hazard class	Not applicable.		
	Classification code:	Not applicable.		
	Hazard identification number:	Not applicable.		
	Safety signs:	Not applicable.		
14.4	Packaging group	Not applicable.		

14.5 Environmental hazard Not applicable.

14.6 Special security measures for users

Limited and exempted quantities: Not applicable.

Transport category: Not applicable.

Tunnel restriction code: Not applicable.

14.7 Bulk transport according to Annex II of the MARPOL Convention and the IBC Regulation

Not applicable.

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Section 15: Regulatory Information

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

all as amended and including implementing regulations
Act No. 350/2011 Coll., on chemical substances...
Act No. 258/2000 Coll., on the protection of public health...
Act No. 185/2001 Coll., on waste...
Act No. 201/2012 Coll., on air...
Act No. 254/2001 Coll., on waters...
Act No. 477/2001 Coll., on packaging...
Act No. 111/1994 Coll., on road transport
Act No. 224/2015 Coll., on the prevention of serious accidents...
NV No. 361/2007 Coll., Health protection conditions at work...
Decree No. 432/2003 Coll., which establishes the conditions for classifying works into categories...
Regulation (EC) No. 1272/2008 (CLP) on classification, labeling and packaging of substances and mixtures,...
Directive 67/548/EEC as amended Regulation (EC) No.
1907/2007 (REACH) on the registration, evaluation, authorization and restriction of chemical substances....
Regulation of the European Parliament and the Council (EC) No. 648/2004 on detergents
Regulation (EC) No. 528/2012 on biocides

15.2 Chemical safety assessment

It was not done.

Section 16: Additional Information

Full text of all H-phrases listed in point 3:

H-phrases:

They are not.

Abbreviations:

PEL	Permissible exposure limit
NPK-P	The highest permissible concentration in the workplace
PBT	Persistent, bioaccumulative, toxic
vPvB	Highly persistent and highly bioaccumulative
VOCs	Volatile organic substances
TIME	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial chemicals Substances
OEL	Occupational Exposure Limit (exposure limit at the workplace - 8 hours/ shift)
STEL	Short Term Exposure Limit (short-term exposure - corresponds to approx. 15 min.)
TODAY	Derived no-effect level
PNEC	Predicted no-effect concentration
LD50	Lethal dose for 50% of individuals (lethal dose for 50%)
LL50	Lethal load for 50% (lethal load for 50%)
EL50	Effect level for 50%
IL 50	Inhibition load for 50% (inhibition load for 50%)
LC50	Lethal concentration for 50% (lethal concentration for 50%)
EC50	Effect concentration for 50% (effect concentration for 50%)
IC50	Inhibition concentration for 50% (inhibition concentration for 50%)
CHRISTMAS	No observable effect level (no observable effect level)

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NOAEL	No observable adverse effect level
NOAEC	No observable adverse effect concentration
LOL	Lowest observable effect level
LOAEL	Lowest observable adverse effect level
LOEC	Lowest observable effect concentration
LOAEC	Lowest observable adverse effect concentration
NO	Exposure without effect (no effect level)
ADR	European agreement on the international transport of dangerous goods by road
RID	Order for the International Rail Transport of Dangerous Goods
IMDG	International Regulation on the Carriage of Dangerous Goods by Sea
ICAO	Technical instructions for the safe air transport of dangerous goods
IATA	International Air Transport Association
WGK	Water hazard classes (Wassergefährdungsklassen)
TT	Toxic threshold
ADN	Inland waterways

This revision follows version "D" of 12/09/2016 and is in accordance with Regulation (EC) No. 1272/2008 (CLP).

The following materials were used for the revision of the safety data sheet: Casac software, MSDS of the supplier

Training Guidelines:

Workers who come into contact with dangerous substances must be familiarized with the effects of these substances, the methods of handling them, and protective measures to the extent necessary.

Furthermore, they must be familiarized with the principles of first aid, with the necessary sanitation procedures and with the procedures for liquidating malfunctions and accidents.

The person who handles this chemical product must be familiar with the safety rules and information given in the safety data sheet.

If the hazardous chemical substance/mixture is classified as corrosive or toxic, workers must be familiar with the Rules for Handling Corrosive/Toxic Chemical Substance/Mixture.

Persons transporting dangerous substances must be familiar with the instructions in the event of an accident in accordance with ADR/RID regulations.

Additional information:

The above information describes the conditions for safe handling of the product and corresponds to the current knowledge of the manufacturer, serves as instructions for the training of persons handling the product.

The manufacturer bears a guarantee for the above-described properties of the product in the recommended way of use.

The user is responsible for determining the suitability of the product for specific purposes and adapting safety measures if this use is contrary to the manufacturer's recommendations.