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Safety card
in accordance to Regulations
UE N. 1272/2008 and
UE N. 453/2010

Revision date: 22.11.2010

SAFETY CARD

BEESWAX

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR OF THE MIXTURE AND OF THE COMPANY/FIRM

1.1 Product identification

Denomination	BEESWAX
Chemical name and synonyms	BEESWAX
INCI NAME	CERA ALBA
CAS Number : 8012-89-3	EC: 232-383-7
REACH pre-registration number	05-2114593453-42-0000

1.2 Identified pertinent uses of the substance

Used as wax for wood or in cosmetics in hair-removal waxes. Non-edible product.

1.3 Information on the provider of the safety card.

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SECTION 2. IDENTIFICATION OF THE DANGERS

Classification of the substance or of the mixture

The mixture is not classified as dangerous according to the dispositions of CE directives 1272/2008 and 67/548 CE and following modifications and adjustments. Therefore the preparation does not require a safety card according to the dispositions of Regulation (CE) 1907/2006 and subsequent modifications.

Possible additional information regarding the health and/or environmental hazards is listed in sec. 11 and 12 of this card.

Danger symbols:	None
R phrases	none

There is no known health hazard.

SECTION 3. COMPOSITION / INFORMATION ON THE INGREDIENTS

3.1 Substances			
Denomination	Concentration (C)	Classification	
PURE VERGIN BEESWAX	98 %		
Impurities	2% max		
CAS Number :	8012-89-3	EC: 232-383-7	
3.2 Mixtures			
N.A			

SECTION 4. FIRST AID MEASURES

- 4.1 Contact with the eyes**
Rinse in abundant water. Non-irritating product.
- Contact with the skin**
Rinse with water. In case of contact with the liquid product cool immediately with cold water; do not detach the cooled down product.
- Inhalation**
Non-dangerous;
- Ingestion**
Consult a physician
- 4.2 Main symptoms and effects, both acute and delayed**
- Contact with the eyes**
It can cause irritation, but only in its dust form.
- Contact with the skin**
Low risk for the normal industrial handling
- Inhalation**
in large quantities t can cause irritation
- Ingestion**
in large quantities it can cause gastro-intestinal irritation
- 4.3 Indication of the possible necessity to consult a physician immediately and of special treatments.**
In case of incident or malaise consult a physician immediately (show them this safety card).

SECTION 5. FIRE PREVENTION MEASURES

Fire extinction methods

5.1 Appropriate fire extinction means

CO₂, foam, chemical powder for flammable liquids. Regular fire extinction means.

5.2 Special protective equipment for fire fighting personnel.

Wear regular fire fighting gear.

5.3 Not recommended means of fire extinction

As for every fire, wear a breathing mask MSHA/ NIOSH (approved or equivalent) and a protective full coverall.

SECTION 6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precautions, protection devices and procedures in case of emergency

Avoid any contact with the product when hot and melted. Wear a full protective gear, especially when working with melted wax.

6.2 Environmental precautions

Gather in sealed containers, avoid spreading the dusts. Inform the authorities if the material that has been spilled reaches water streams or the sewers or if the ground or the vegetation have been contaminated.

6.3 Methods and materials for the containment and for the clean up

Take precautionary measures against constant leakages. The wax can be removed by sweeping with a broom and can be placed in a regular waste disposal bin.

6.4 References to other sections

None

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid inhaling the dusts. Use ventilation in the room if dusts are present. Appropriate ventilation is necessary if the product is handled when hot. Take precautionary measures against constant leakages.

7.2 Conditions for safe storage, including possible incompatibilities

Keep the product at room temperature and in sealed containers.
Avoid humidity and high temperatures.

7.3 Specific end uses

No specific use

SECTION 8. CONTROL OF THE EXPOSURE/INDIVIDUAL PROTECTION

8.1 Control parameters

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8.2 Controls of the exposure

To contain the exposure in a specific workplace depends on how the material is utilized and how much the exposure affects. The use of basic precautions for the safety in the workplace is sufficient to use the material in a safe manner.

Breathing protection:

Use a breathing device if the place is particularly dusty.

Hand protection:

Use PVC or rubber gloves

Eyes protection:

Goggles appropriate for chemical products

Body protection:

Regular work overall

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the main physical and chemical properties

Aspect	Irregular sheets or drops (solid)
Colour	Light yellow or white
Odour	distinctive
Acidity	16 – 23 KOH mg/g
Index of saponification	75 – 110 KOH mg/g
Fusion point	62 - 67 °C
Iodine value	5.0 – 15.0 g/100g
Impurity	2 max
Density	0.95 – 0.97 a 20°C
Solubility	Insoluble in water
Flash point	> 220 °C
Point of self-ignition	> 300 °C
Boiling point	> 300 °C

9.2 Additional information

ND

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Product stable at room temperature.

10.2 Chemical stability

Product stable at room temperature.

10.3 Possibility of dangerous reactions

No known dangerous reaction.

10.4 Conditions to avoid

None

10.5 Incompatible materials

Store apart from strongly oxidant agents

10.6 Dangerous products of decomposition

Toxic vapors, like carbon monoxide, can develop in case of fire.

SECTION 11. TOXICOLOGICAL INFORMATION

EFFECTS ON HUMAN HEALTH

Non-toxic product under normal conditions of use.

Ingestion : ND

Inhalation : ND

Contact with the skin : ND

Skin absorption : ND

Contact with the eyes: ND

EFFECTS ON LABORATORY ANIMALS

LD50 oral : ND

LC50 inhalation : ND

LD50 dermis : ND

CARCINOGENESIS

Oral : ND

Inhalation : ND

Dermis : ND

SECTION 12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

Solid wax is a 100% natural origin product, at room temperatures it does not present any toxicological risks. No persistent or chronic toxicity value is available.

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- 12.2 **Persistency and degradability**
Non-persistent
- 12.3 **Potential of bioaccumulation**
N.D
- 12.4 **Mobility in the ground**
N.D
- 12.5 **Results of the PTB and vPvB assessment**
N.D.
- 12.6 **Additional unfavorable effects**
None

SECTION 13. CONSIDERATIONS ON WASTE DISPOSAL

It is recommended to follow local regulations: never discharge in the sewers or in superficial or subterranean waters.

SECTION 14. INFORMATION ON HOW TO TRASPORT IT

The substance is not to be considered dangerous according to the regulations operative in the field of the transportation of hazardous materials on the roads (A.D.R.) by railroad (RID), by boat (IMDG Code) and by plane (IATA).

- 14.1 **UN number**
Non-hazardous goods according to transportation regulations.
- 14.2 **UN shipping name**
N.A.
- 14.3 **Classes of danger relating to transportation**
N.A.
- 14.4 **Packaging group**
N.A.
- 14.5 **Dangers for the environment**
None
- 14.6 **Special precautions for the users**
N.A.
- 14.7 **Transportation of bulk according to attachment II of MARPOL 73/78 and to code IBC**
Non-polluting

SECTION 15. INFORMATION ON THE REGULATION

Classification: none
Labeling : none
Phrase R : none
Phrase S : none

This wax has been classified as non-dangerous product under all the regulations of chemical products. Therefore it does not require any particular symbol on the labels.

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15.1 Assessment of the chemical safety
N.A.

SECTION 16. ADDITIONAL INFORMATION

This card is based on our current knowledge and it concerns the product in the conditions in which it has been delivered. With this card we want to describe the product from the point of view of the safety requirements and it is not intended to guarantee any other property.

GENERAL BIBLIOGRAPHY

- 1 1999/45/CE Directive and subsequent modifications
- 2 1999/13/CE Directive on VOC
- 3 67/548/CEE Directive and subsequent modifications and adjustments (XXIX technical adjustment)
- 4 Regulation CE 1774/2002 sub-product of animal origin and subsequent amendments CE 668/2004
- 5 Regulation CE 1907/2006 called REACH
- 6 The Merk index Ed. 10
- 7 Handling Chemical safety
- 8 Niosh – Registry of Toxic Effects of Chemical substances
- 9 INRS – Fiche Toxicologique

