

NASCO A.D.

MATERIAL SAFETY DATA SHEET
EXTRA VIRGIN BEESWAX CERA ALBA PURIFIED

1. Chemical Product and Company Identification

Product Identification

Product Name	Extra Virgin Beeswax Cera Alba Purified
Product Code	<u>002nascoad</u>
Product Description	Genuine 100 % Pure Beeswax Purified in our Laboratory Ideal for Cosmetic Use.
Related use of the compound and contraindications.	Not mentioned
Manufacturer Contact Information	NASCO A.D. Biotechnology Laboratory 11 Sachtouri str, 18536, Pireus, Greece rnd@nascoad.com
Emergency Telephone (24hrs)	+30 211 012 2435
Manufacturer Telephone (10 am– 3 pm)	+30 6944415602

2. Composition and Identification on Ingredients

Ingredient	Genuine 100% Pure Beeswax from <i>Apis Melifera. Macedonica.</i>
INCI	Cera Alba
Cas No	8012-89-3
EC No	232-383-7
Chemical type	Not available
Toxicological data	Not available

3. Hazards Identification

Danger for Human Health	
1. Potential Acute Health Effects	
Eyes	Slight Irritant
Skin contact	Slight Irritant
Inhalation	Slight Irritant
Ingestion	Slight Irritant
2. Potential Chronic Health Effects	
Carcinogenic effects	Not known danger
Mutagenic effects	Not known danger
Teratogenic effects	Not known danger

4. First Aid Measures

Eyes	Rinse with plenty of water or ophthalmic solution for 15 minutes.
Skin contact	Wash with water and soap
Inhalation	Seek for fresh air. If not breathing perform artificial respiration / oxygen. Ask for medical advice.
Ingestion	Do not cause vomiting unless is medically advised. In case of large quantity ingestion seek for immediate medical assistance.

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5. Fire and Explosion Data

5.1 Explosion Data

Flash point : > 150 °C

Auto ignition point: >180 °C

5.2. Fire Extinction Data

Fire Fighting Data : :	Use CO ₂ extinguishers. solid, chemicals, foams..
Unsuitable measures for firefighting :	Not known

6. Accidental Release Measures

Methods to counteract spoilage :	Use absorbent paper and clean surfaces. Use water and soap. Use suitable containers. Keep away from ignition points.
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7. Handling and Storage

7.1 Handling

Safe handling :	Do not swallow. Avoid eye contact.
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7.2 Storage

Measures for storage place and containers.	Store in dry place with relatively low temperature in close tight containers.
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8. Exposure Controls / Personal Protection

Eyes	Use laboratory safety glasses
Skin / body	Use laboratory coats and gloves
Breathing	No special need for protection under normal laboratory conditions.
Other measures	Evaluate accordingly. Use no slippery shoes.
Hygiene and working conditions.	Handle as a non hazardous material. .

9. Physical and Chemical Properties

Physical state	Solid
Colour	Yellow
Odour	Characteristic of pure beeswax
Melting point	63-66 °C
Boiling point	Not mentioned
Flash point	Over 150°C
Auto-ignition point	Over 180°C
Vapour pressure	Not applicable
Specific gravity (20°C)	(20°C) 0,91-0,93 Kg/l (H ₂ O = 1)
Solubility in water 20°C	Insoluble
pH	Not applicable
Explosion properties	Not applicable
Oxidizing properties	Not applicable

10. Stability and Reactivity Data

Stable material. No known harmful reaction with other known materials. Not corrosive. Polymerization will not occur.

11. Toxicological Data

Acute effects during prolonged exposure	Have not yet been found
Chronic effects during prolonged exposure	Have not yet been found
Conditions of medical importance in general aggravated from exposure	Not known
Special reactions	
Carcinogenesis	Have not yet been found
Mutagenesis	Have not yet been found
Teratogenesis	Have not yet been found
Irritability	
Eyes	Slight Irritant
Skin	Slight Irritant
Inhalation	Slight Irritant
Ingestion	Slight Irritant
Materials that act synergistically to produce toxicity	Have not yet been found

12. Ecological information

Ecotoxicity	Not available
Durability and capability of degradation	Not available
Capability of bio-accumulation	Not available
Mobility in soil	Not available
Other negative reactions	Not available

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13. Disposal Considerations

Material / product	The remainders of the product are handed over to a recognizable company of waste disposal. Autoclave if environmental safety conditions permit this action.
Not specified containers	Discarded as not used material.

14. Transport information

ADR : Not a hazardous material. DOT (USA) : Not a hazardous material. IMDG / IATA : Not a hazardous material

15. Other Regulatory Information

Label (EU)	Not necessary
Συμβολισμός	Not applicable
ΣΕΤ – R	Not applicable
ΣΕΤ - S	Not applicable

16. Other information

Refer to specific certificate of analysis

Regulations used are the following :

67/548/EWG(2001/59/EG)

1999/45/EG(2001/60/EG)

91/155/EWG(2001/58/EG)

ADR(23.07.01)

IMDG-Code (30Amdt)

IATA-DGR(..002)

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