



SAFETY DATA SHEET 35

NATURAL BEE WAX

1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1 Product identifier

Product name NATURAL BEE WAX

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

Description/Application WAX IN ACQUEOUS EMULSION

1.3 Details of the supplier of the safety data sheet

Name: FIRMOLUX - ANTHONY VIOLANTE

Full address: 1905 12TH ST W BRADENTON, FL 34205

Phone: +19415414590

Fax: NONE

E-mail address of the competent person responsible to the Safety Data Sheet info@firmolux.com

1.4 Emergency telephone number

For urgent inquiries refer to SANITARY EMERGENCY

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP). (and subsequent modifications and adjustments)

2.1.1 Regulation 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard classification and indications: -

2.2 Label elements

Danger labeling: -

Warnings: -

Hazard indication -

EUH210

Safety data sheet available on request

It Contains

Mixture of:

5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7];

2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1):

May cause an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3 Other dangers

VPvB Substances: None - PBT Substances: None

NATURAL BEE WAX

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

No relevant information.

3.2 Miscela

No relevant information.

<u>Qty</u>	<u>Name</u>	<u>Identif. Number</u>	<u>Classification</u>
11 ppm	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one EC no. 220-239-6] (3: 1)	Index number: 613-167-00-5 CAS: 55965-84-9	3.2/1B Skin Corr. 1B H314 3.4.2/1-1A-1B Skin Sens. 1.1A,1B H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410 3.1/3/Oral Acute Tox. 3 H301 3.1/3/Dermal Acute Tox. 3H311 3.1/3/Inhal Acute Tox. 3 H331

4 FIRST AID MEASURES

4.1 Description of first aid measures

EYES: Wash immediately and thoroughly with water and consult a doctor.

SKIN: Wash with plenty of water and soap.

INGESTION: Do not induce vomiting. RECOMMEND IMMEDIATELY AT MEDICAL VISIT.

INHALATION: Bring the injured person into the open air and keep warm and at rest.

4.2 Most important symptoms and effects, both acute and delayed.

None

4.3 Indication of any immediate medical attention and special treatment needed.

None

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Water. Carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING EQUIPMENT

No one in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale the gases produced by the explosion and combustion. Combustion produces heavy smoke.

5.3 Recommendations for firefighters

Use appropriate respiratory equipment.

Collect the contaminated water used to extinguish the fire separately. Do not discharge it into the sewage system.

If it is feasible from a safety point of view, move undamaged containers from the immediate danger area.

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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Remove all sources of ignition.

Move people to a safe place.

Consult the protective measures described in points 7 and 8.

6.2 Environmental precautions

Prevent penetration into the soil / subsoil. Preventing run-off into surface water or into the sewage system.

Keep contaminated washing water and eliminate it.

In case of gas leak or penetration into watercourses, soil or drains, inform the responsible authorities.

Suitable material for collection: absorbent, organic material, sand.

6.3 Methods and material for containment and cleaning up

Wash with plenty of water.

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapors and mists.

At work do not eat or drink.

Please also refer to paragraph 8 for recommended protective devices.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials: None in particular. See also the following paragraph 10.

Indication for the premises: Rooms adequately ventilated.

7.3 Specific end use(s)

Information not available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limits are available.

Exposure limit values DNEL: N.A.

PNEC Exposure Limit Values: N.A.

8.2 Exposure controls

HAND PROTECTION

Not required for normal use.

SKIN PROTECTION

Not required for normal use.

PROTECTION OF EYES

Not required for normal use. However, operate according to good work practices.

RESPIRATORY PROTECTION

Not necessary for normal use.

THERMIC RISKS

Nobody

CONTROLS OF ENVIRONMENTAL EXPOSURE

Nobody.

TECHNICAL CONTROLS IDONEI

Nobody

NATURAL BEE WAX**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Paste
Colour	White
Odour	Characteristic
Odour threshold	Not available
pH	8,0 - 10,0
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	> 100°C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Soluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2 Other information

Not available

10 STABILITY AND REACTIVITY**10.1 Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid

No condition to avoid in normal conditions of use and storage.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

None.

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information concerning the mixture:

N.A.

Toxicological information concerning the main substances present in the mixture:

N.A.

Unless otherwise specified, the data required by Regulation 453/2010 / EC indicated below are to be understood as N.A. .:

- a) acute toxicity;
- b) skin corrosion / irritation;
- c) Serious eye damage / irritation;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) specific target organ toxicity (STOT) - single exposure;
- i) specific target organ toxicity (STOT) - repeated exposure;
- j) danger in case of aspiration.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Use according to good working practices, avoiding to disperse the product in the environment.

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

VPvB Substances: None - PBT Substances: None.

12.6 Other adverse effects

No adverse effects found.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recover if possible. Operate according to local and national regulations.

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14 TRANSPORT INFORMATION

14.1 ONU number

Not dangerous goods according to the transport regulations.

14.2 ONU shipping name

Not applicable.

14.3 Hazard classes connected to shipping

Not applicable.

14.4 Packaging group

Not available

14.5 Environmental hazards

Not available

14.6 Special precautions for users

Not available

14.7 Shipping of bulk according to MARPOL 73/78 annex and the IBC code

Not available

15 REGULATORY INFORMATION

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

D.Lgs. 9/4/2008 n. 81

D. M. Job 02/26/2004 (Occupational Exposure Limits)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 453/2010 (Annex II)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or substances contained according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

None

Where applicable, refer to the following regulations:

Ministerial circulars 46 and 61 (aromatic amines).

Legislative Decree 21 September 2005 n. 238 (Seveso Ter Directive).

Regulation 648/2004 / EC (Detergents).

D.L. 3/4/2006 n. 152 Environmental regulations

Provisions relating to Directives 82/501 / EC (Seveso), 96/82 / EC (Seveso II):

N.A.

15.2 Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

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16 OTHER INFORMATIONS

Text of the sentences used in paragraph 3:

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

This document was written by a competent SDS technician and has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Center, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Annex 1

Higher Institute of Health - National Inventory of Chemical Substances

The information contained therein is based on our knowledge at the date stated above. They refer only to the product indicated and do not constitute a guarantee of particular qualities.

The user is required to ensure the suitability and completeness of this information in relation to the specific use that he must make.

This sheet supersedes any previous edition.

LEGEND:

ADR: European Agreement on the International Road Transport of Dangerous Goods.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived level without effect.

EINECS: European inventory of existing European chemical substances on the market.

GefStoffVO: Ordinance on hazardous substances in Germany.

GHS: Global harmonized classification and labeling system for chemical products.

IATA: International Air Transport Association.

IATA-DGR: Regulation on dangerous goods of the "Association for International Air Transport" (IATA).

ICAO: International organization for civil aviation.

ICAO-TI: Technical instructions of the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International nomenclature of cosmetic ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration for 50 percent of the test population.

LD50: Lethal dose for 50 percent of the test population.

LTE: Long-term exposure.

PNEC: Expected concentration without effect.

RID: Regulations concerning the international transport of dangerous goods by rail.

STE: Short-term exposure.

STEL: Short-term exposure limit.

STOT: Organ-specific toxicity.

TLV: Threshold limit value.

TWATLV: Threshold limit value for the average weighed over 8 hours. (ACGIH Standard).

WGK: Hazard class for water (Germany).

NATURAL BEE WAX

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version.

Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.