

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

O6230 Carnauba Wax, bleached

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Revised edition: 10.02.2023

Version: 2.0

Printed: 10.02.2023

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Carnauba Wax, bleached

Article No.: O6230

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Industrial application

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Interlabshop BV

Address: Lage Brink 23, 7317BD Apeldoorn The Netherlands

Tel./Fax.: +31(0)55-5215016

Internet: www.labshop.nl

E-Mail: labshop@labshop.nl

Importer: --

1.4. Emergency No.

Emergency No.: 112 (24 hours a day)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization: CAS No. 8015-86-9, EINECS 232-399-4
Carnauba wax (Copernica Cerifera Cera): 100 %

Information on Components / Hazardous Ingredients:

Additional information: Exempted from the mandatory REACH Registration (Annex V No. 9)

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

No special measures required.

After skin contact:

After contact with molten material cool affected skin with water.
Do not try to remove material from skin or remove contaminated clothing, risk of tearing away skin.
Get medical attention.

After eye contact:

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

After ingestion:

Do not induce vomiting.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, CO₂, dry extinguishing powder.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of CO, CO₂ and fumes.

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5.3. Advice for Firefighters*Protective equipment:**Wear self-contained respiratory protective device.**Further information:**Cool exposed containers with water spray.*

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Avoid contact with skin, eyes and clothing.***6.2. Environmental Precautions***Environmental precautions:**Prevent contamination of soil, drains and surface waters.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Take up mechanically and collect in suitable containers for disposal.**Avoid dust formation.***6.4. Reference to other Sections***See Section 13 for information on disposal.*

7. Handling and Storage**7.1. Precautions for Safe Handling***Instructions on safe handling:**Avoid formation of dust.**Hygienic measures:**Keep away from foodstuffs and drinks.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store containers in a well ventilated location.**Protect from direct exposure to light.**Protect against heat and direct sunlight.**Requirements for storage areas and containers:**No special measures necessary.**Information on fire and explosion protection:**Product can form an explosive dust mixture under certain conditions.**Keep away from sources of ignition.**Storage class:**11; Combustible solids (TRGS 510)**Further Information:**Shelf-life: at least 3 years (at < 20°C)*

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7.3. Specific End Use(s)*Further information:***8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***Parameters to be controlled (DE):**No occupational exposure limits known.**Parameters to be controlled:**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Personal Protection**General protective measures:**Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Do not inhale dust.**Respiratory protection:**In case of formation of dust.**Hand protection:**Protective gloves (EN 374)**Protective glove material:**Butyl rubber (> 480 min; 0.5 mm).
Polyvinyl chloride (> 480 min, 0.5 mm)
Fluoro carbon rubber (480 min, > 0.5 mm)
Nitrile rubber (> 480 min, 0.35 mm)**Eye protection:**Safety glasses with protective shields (EN 166).**Body protection:**Protective clothing.**Environmental precautions:***9. Physical and Chemical Properties****9.1. Information on Basic Physical and Chemical Properties***Form: solid**Color: bright yellow**Odor: characteristic**Odor threshold:**no information available*

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pH-Value:

not available

Melting temperature:

82 - 86°C

Boiling temperature:

not available

Flash point:

not available

Evaporation rate:

No information available.

Flammability (solid, gas):

not available

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not determined

Vapor density:

No information available.

Density:

ca. 1.00 g/cm³ (20°C)

Solubility in water:

insoluble

*Coefficient of variation (n-
Octanol/Water):*

no information available

Auto-ignition temperature:

not applicable

Decomposition temperature:

No data available.

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

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Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Dust can form explosive mixtures with air.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid temperatures above 60°C: causes blocking respectively sintering of the platelets.

Thermal decomposition:

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11. 1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

LD50, oral: > 2000 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

No irritant effect known.

Inhalation:

No irritant effect known.

Ingestion:

Sensitization:

No sensitizing effects known.

Mutagenicity:

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No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard

No information available.

11.2. Information on other Hazards

Does not present a risk to human health.

Shellac is an approved food additive (E 904) and has been toxicologically tested accordingly for legislation.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12.6. Endocrine Disrupting Properties

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

12.7. Other Adverse Effects

Water hazard class:

1 (German Regulation) (Assessment by list): slightly hazardous.

Behaviour in sewage systems:

Further ecological effects:

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AOX Value:

Product does not contain any organically bound halogen.

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

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14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (according to the German Regulation AwSV)

Local regulations on chemical accidents:

Does not underlie the Accident Ordinance.

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

This product is not listed as SVHC-compound and does not contain any hazardous substances.

15.3. Further Information

Content of volatile organic compounds (VOC): 0 %

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.