

SECTION 1: Identification

1.1. Identification

Product Name Carnauba wax

1.2. Recommended use and restrictions on use

Recommended Use No information available

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

SECTION 2: Hazard(s) identification

MOST IMPORTANT HAZARDS:

Warning! This is expected to be low hazard for usual industrial handling

PRODUCT EFFECTS:

ADVERSE EFFECTS TO THE HUMAN HEALTH:

ACUTE:

SWALLOWED:

Ingestion of large amounts may cause gastrointestinal irritation. Data suggests that the product should be considered as nontoxic.

EYE:

Dust may cause mechanical irritation.

SKIN:

May cause skin irritation. Low hazard for industrial handling.

INHALED:

May cause respiratory tract irritation. Low hazard for usual industrial handling.

CHRONIC:

No specific data is available for the product for chronic exposure symptoms. The materials in this product are not considered to be carcinogenic. There is no data available which indicates any health hazard when used in normal circumstances.

TARGET ORGANS

No data found.

TOXICOLOGICAL DATA ON

INGREDIENTS:

Carnauba Wax LD50: Not available.
LC50: Not available.

ENVIRONMENTAL EFFECTS:

It is not expected that the product presents danger to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS:

PHYSICAL STATE AND APPEARANCE:

Solid. Yellow to Dark Brown

CLASSIFICATION OF THE SUBSTANCE

OR MIXTURE:

ACUTE TOXICITY ORAL

Regulation 1272:2008 (GHS)

Category not available (LC50: Not available. No known acute effects of this product resulting from ingestion).

SKIN CORROSIN/IRRITATION

Category not available. No known acute effects of this product resulting from skin contact.

SERIOUS EYE DAMAGE

Category not available. No known acute effects of this product resulting from eye contact.

SPECIFIC TARGET ORGAN TOXICITY

FOLLOWING SINGLE EXPOSURE

Category not available. Single exposure is not known to aggravate medical condition.

SPECIFIC TARGET ORGAN TOXICITY

FOLLOWING REPEATED EXPOSURE

Category not available. Repeated or prolonged exposure is known to aggravate medical condition.

CARCINOGENIC EFFECTS

This material is not known to cause cancer in animal or humans. Additional information see Toxicological Information (Section 11).

LABEL ELEMENTS ACCORDING TO REGULATION 1272:2008 (GHS) SYMBOL

GHS PICTOGRAMS AND HAZARD CLASSES:

Not applicable

SIGNAL WORD:

Caution!

HAZARD STATEMENT:

This material is not likely to be harmful.

PRECAUTION STATEMENT

P102:

Keep out of the reach of children.

P281:

Use personal protective equipment as required.

P403:

Store in a well-ventilated place.

P410:

Protect from sunlight.

P411:

Store at room temperature without humidity control.

P501:

Dispose of contents/container in accordance to local legislation.

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LABEL ELEMENTS ACCORDING TO DIRECTIVE 67/548/EEC

SYMBOL:	Not applicable.
RISK PHRASES:	Not Applicable.
SAFETY PHRASES:	
S2:	Keep out of the reach of children.
S9:	Keep container in a well-ventilated place.
S22:	Do not breathe dust.
S25:	Avoid contact with eyes.
S26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S41:	In case of fire and/or explosion do not breathe fumes.

SECTION 3: Composition/information on ingredients

INGREDIENTS	Carnauba Wax (100%)
CHEMICAL IDENTIFICATION	INCI Name: Copernicia cerifera EU Name: Copernicia cerifera Cera CAS No.: 8015-86-9 EINECS/ELINCS No.: 232-399-4
INGREDIENTS OR IMPURITIES THAT CONTRIBUTE TO THE HAZARD (%M)	This product doesn't have impurities that contribute to the hazard classification.

SECTION 4: First-aid measures

EYE CONTACT:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
SKIN CONTACT:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. In case of skin irritation, get medical attention.
INGESTION:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
INHALATION:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION 5: Fire-fighting measures

FLAMMABILITY OF THE PRODUCT:	Non-flammable.
AUTO IGNITION TEMPERATURE:	Not applicable.
FLASH POINTS:	Not applicable.
FLAMMABLE LIMITS:	Not applicable.
PRODUCTS OF COMBUSTION:	Not applicable.
FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:	Not applicable.
EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES	
RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF STATIC DISCHARGE:	No
RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT:	No
FIRE FIGHT MEDIA AND INSTRUCTIONS:	Not applicable.
PROTECTIVE CLOTHING (FIRE):	Not applicable.
SPECIAL REMARKS ON FIRE HAZARDS:	Not applicable.
SPECIAL REMARKS ON EXPLOSION HAZARDS:	Not applicable.

SECTION 6: Accidental release measures

SMALL SPILL AND LEAK:	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
LARGE SPILL AND LEAK:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.
SPILL KIT INFORMATION:	No specific spill kit required for this product.

SECTION 7: Handling and storage

HANDLING:	Avoid breathing dust. Do not ingest. Avoid contact with skin and eyes.
STORAGE:	Store in a well-ventilated place. Store at room temperature, without control of humidity Protect from sunlight Keep the container tightly closed.

SECTION 8: Exposure controls/personal protection

ENGINEERING CONTROLS:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
PERSONAL PROTECTION	
EYE	Safety glasses
BODY	Lab coat

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RESPIRATORY			Not applicable
HANDS			Not applicable
FEET			Not applicable
PROTECTIVE CLOTHING (PICTOGRAMS)			
PERSONAL PROTECTION IN CASE OF LARGE SPILL:			Splash goggles. Full suit. Boots. Gloves.
EXPOSURE LIMITS			
PRODUCT NAME	ACGIH	NIOSH	OSHA - Final PELs
Carnauba Wax	None listed	None listed	None listed

SECTION 9: Physical and chemical properties

ODOR:	Characteristic odor
COLOR:	Yellow to dark brown
PHYSICAL STATE AND APPEARANCE:	Solid
MOLECULAR WEIGHT:	Not available
MOLECULAR FORMULA:	Unspecified
PH:	No applicable
BOILING/CONDENSATION POINT:	No available
FREEZING/MELTING POINT:	178 -187° F (80 - 86°C)
SPECIFIC GRAVITY:	No available
VAPOR PRESSURE:	No applicable
VAPOR DENSITY:	No applicable
ODOR THRESHOLD:	No available
EVAPORATION RATE:	No applicable
LOGKOW:	No available
VISCOSITY:	30 - 40 CKS (at 99°C)
FLASH POINT:	484°F(251.11°C)
NFPA RATING:	(est.)Health: 0 Flammability: 1 Reactivity: 0
SOLUBILITY:	Insoluble in water
SPECIFIC GRAVITY/DENSITY:	0.99

SECTION 10: Stability and reactivity

STABILITY AND REACTIVITY:	The product is stable
REACTIVITY CONDITIONS OF INSTABILITY:	Not available
INCOMPATIBILITY WITH VARIOUS SUBSTANCES:	Not available
REM/INCOMPATIBILITY:	Not available
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 11: Toxicological information

RTECS NUMBER:	Carnauba Wax - CAS # 8015-86-9 unlisted
TOXICITY:	LD50: Not applicable LD50: Not applicable
CHRONIC EFFECTS ON HUMANS:	No available
ACUTE EFFECTS ON HUMANS:	No available
SYNERGETIC PRODUCTS (TOXICOLOGICALLY):	No available
IRRITANCY:	Draize test: No available
SENSITIZATION:	No available
CARCINOGENIC EFFECTS:	This material is not known to cause cancer in animals or humans.
CARNAUBA WAX:	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA
BIOLOGICAL DATA	
BIOLOGICAL ASPECTS:	No information available
TOXICOLOGICAL STUDIES	
ACUTE TOXICITY STUDIES	No information available
SHORT-TERM STUDIES	
RATS	Experiments showed no compound-related changes, nor were there any dose-related histological changes.
DOGS	Ophthalmic, gross and histopathologic examinations revealed no significant treatment related effects for carnauba wax in the diet.
LONG-TERM/CARCINOGENICITY STUDIES	No information available
TOXICITY TO REACTIVE SYSTEM	No effects on reproduction parameters were observed after feeding carnauba wax.
SPECIAL STUDIES ON TERATOGENICITY	Results from this study indicated that there were no significant changes in body weights of pregnant dams during gestation; no significant differences in production data among test groups, and no dose-related effects of carnauba wax on skeletal or soft tissue development in fetuses.
MUTAGENIC EFFECTS	Not available
OBSERVATIONS IN HUMANS	No information available
ADI	0-7 mg/kg bw for carnauba wax

SECTION 12: Ecological information

ECOTOXICITY:	No available
BODS AND COD:	No available
TOXICITY OF THE PRODUCTS OF	

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BIODEGRADATION:

The product itself and its products of degradation are not toxic.

SECTION 13: Disposal considerations

EPA WASTE NUMBER TREATMENT

Not available
Material does not have an EPA waste number and is not a listed waste, however consultation with a permitted waste disposal site (TSD) should be accomplished. ALWAYS CONTACT A PERMITTED WASTE DISPOSAL (TSD) TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 14: Transport information

DOT CLASSIFICATION:

PROPER SHIPPING NAME: Chemicals
DOT INFORMATION: 49 CFR 172.101
DOT DESCRIPTION: Non-regulated by DOT
N.O.S. COMPONENT: None
RQ (REPORTABLE QUANTITY): 49 CFR 171.101. Not applicable

TDG CLASSIFICATION:

No available

IMO/IMDG CLASSIFICATION:

PROPER SHIPPING NAME: Chemicals

N.O.S.

R.Q:

Not applicable

ICAO/IATA CLASSIFICATION :

N.O.S

SECTION 15: Regulatory information

U.S. FEDERAL REGULATIONS

TSCA 8(b) inventory:

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SARA 302/304/311/312 extremely hazardous substances:

No products were found.

SARA 302/304 emergency planning and notification:

No products were found.

SARA 302/304/311/312/hazardous chemicals:

No products were found.

SARA 311/312 SDS distribution - chemical inventory -

hazard identification:

No products were found.

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307:

No products were found.

Clean Water Act (CWA) 311:

No products were found.

Clean air act (CAA) 112 accidental release prevention:

No products were found.

Clean air act (CAA) 112 regulated flammable substances:

No products were found.

CAS

8015-86-9

FDA SPECIFICATION

21 CFR 184.1978 (revised as of April 1, 2002)

21 CFR 582.1978 (revised as of April 1, 2001)

EPA SPECIFICATION

CFR 40

WHMIS (Canada)

Not controlled under WHMIS (Canada).

CEPA DSL: Carnauba Wax

This product has been classification in accordance with hazard criteria of the Controlled Product Regulations and SDS contains all required information. Not controlled under TDG (Canada) PIN: Not applicable. PG: Not applicable.

INTERNATIONAL REGULATIONS

EINECS

Carnauba Wax 232-399-4

DSCL (EEC)

This product is not classified according to EU regulations.

E 903

INTERNATIONAL LISTS

AUSTRALIA (NICNAS): Carnauba Wax

Korea (TCCL): Carnauba Wax

Philippines (RA6969): Carnauba Wax

China: No products were listed

CTFA/INCI: Carnauba (Copernicia cerifera) Wax

JAPANESE NAME/SOURCE: Carnauba Wax/JSCI

FDA APPROVED 21 CFR 184.1978

STATE REGULATIONS

No products were found

CALIFORNIA PROP 65

No products were found

SECTION 16: Other information

HMIS (U.S.A.)

HEALTH HAZARD: 0

FIRE HAZARD: 1

REACTIVITY: 0

PERSONAL PROTECTION: j

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)

FIRE HAZARD: 0

HEALTH: 0

REACTIVITY: 0

FLAMMABILITY: 1

SPECIFIC HAZARD: 0

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Abbreviations:

ACGIH: American Conference of Industrial Hygienists
CAS: Chemical Abstracts Service
EC: European Commission
IARC: International Agency for Research on Cancer
LC50: Lethal Concentration 50%
LD50: Lethal dose 50%
LEL: Lower explosive limit
TLV: Threshold Limit Value
TWA: Time Weighted Average
UEL: Upper explosive limit
UN: United Nations

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.