



EU Material Safety Data Sheet

According to 91/155 EC & 93/112 EWG

Printing date 22.05.2003

Reviewed on 22.05.2003

1 Identification of substance:

- **Product details:**
- **Trade name:** Meguiar's A22-Deep Crystal Carnuba Wax
- **Article number:** 18-111C
- **Application of the substance / the preparation:** Wax emulsion
- **Manufacturer/Supplier:**
 - Meguiar's USA
17991 Mitchell South
Irvine, CA 92614
Tel: 949-752-8000
Fax: 949-752-5784
 - Meguiar's Holland
Laan der Verenigde Naties 40
3314 DA Dordrecht
Holland
Tel.: 31-78-6210268
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E-mail: info@meguiarseurope.nl
 - Meguiar's France
24rue Jacques Ibert
92300 Levallois-Perret
France
Tel: 33-1-47595011
Fax: 33-1-47595012
 - Meguiar's UK Ltd.
14 Cottesbrooke Park
Heartlands
Daventry NN11 5YL
Tel: 44-870-241-6696
Fax: 44-1327-300-116
- **Informing department:** Product safety department
- **Emergency information:**
 - Emergency telephone Europe (Meguiar's): +31-78-6210268(Office hours)
 - Emergency telephone USA +1 703 527 3887 (24h)collect

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **components:**

CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	Xn, F; R 11-65	10-25%
EINECS: 265-150-3			

- **Additional information** For the wording of the listed risk phrases refer to section 16.

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3 Hazards identification

Hazard designation:

Xn Harmful

Information pertaining to particular dangers for man and environment

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 65 Harmful: may cause lung damage if swallowed.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**
Do not induce vomiting; instantly call for medical help.
A person vomiting while lying on their back should be turned onto their side.
Rinse out mouth and then drink plenty of water.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Avoid contact with the eyes and skin.
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

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Dispose of contaminated material as waste according to item 13.

- **Additional information:** See Section 7 for information on safe handling

7 Handling and storage

- **Handling**

- **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:**

With appropriate handling and storage no special measures necessarily

- **Storage**

- **Requirements to be met by storerooms and containers:** Store only in the original container.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Do not store together with acids.

Store away from oxidizing agents.

- **Further information about storage conditions:**

Protect from frost.

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- **Breathing equipment:** During good ventilation/exhaust or during brief, small load not necessarily

- **Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Neoprene gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

By appropriate application not required

Avoid contact with the eyes.

Safety glasses recommended during refilling.

9 Physical and chemical properties:

· General Information

Form:	Fluid
Colour:	Amber
Odour:	Sweetish

· Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 199°C

· Flash point: 93°C

· Ignition temperature: 230°C

· Self-inflammability: Product is not self igniting.

· Danger of explosion: Product is not explosive.

· Critical values for explosion:

Lower: 0.6 Vol %

Upper: 8.0 Vol %

· Vapour pressure at 20°C: 23 hPa

· Density at 20°C 0.98 g/cm³

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix

· Solvent content:

Organic solvents: 23.0 %

Water: 57.0 %

· Solids content: 14.0 %

10 Stability and reactivity

· Thermal decomposition/ Conditions to be avoided: Protect from heat and direct sunlight.

· Materials to be avoided:

Strong alkalis

Strong oxidants

Strong acids

· Dangerous reactions No dangerous reactions with intended storage and use.

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- **Dangerous products of decomposition:** none

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11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rab)
Inhalative	LC50/4 h	>5 mg/l (rat)

- **Primary irritant effect:**

- **on the skin:** Frequent and/ or presistent contact with skin may cause skin irritation.
- **on the eye:** Slight irritant effect possible.

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Harmful

12 Ecological information:

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**

- **Recommendation**

Hand over to disposers of hazardous waste.
Disposal must be made according to official regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Marine pollutant:** No

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- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**
Naphtha (petroleum), hydrotreated heavy
- **Risk phrases:**
65 Harmful: may cause lung damage if swallowed.
- **Safety phrases:**
2 Keep out of the reach of children.
23 Do not breathe fumes/aerosol.
25 Avoid contact with eyes.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.

- **National regulations**

- **Technical instructions (air):**

Class	Share in %
Wasser	50-100
II	2,5-10
NK	10-25

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

Information is based on our current knowledge but does not establish a promise of product characteristics and does not substantiate any contractual legal relationship.

- **Relevant R-phrases**
11 Highly flammable.
65 Harmful: may cause lung damage if swallowed.
- **Contact:** see page 1