



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### 911 Renia - Brillant-WAX - finishing Wax

Revision date: 22.06.2017

Product code: 911.000

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## 1. Identification

### Product identifier

911 Renia - Brillant-WAX - finishing Wax

### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

finishing wax

### Details of the supplier of the safety data sheet

#### Manufacturer

Company name:	Renia Gesellschaft mbH. Chemische Fabrik	
	D	
Street:	Ostmerheimer Straße 516	
Place:	D-51109 Köln (Cologne)	
Post-office box:	910659	
	D-51076 Köln (Cologne)	
Telephone:	+49-221-630799-0	Telefax: +49-221-630799-50
e-mail:	info@renia.com	
Contact person:	Heinz Buchholz Dipl.Chem	Telephone: 16
e-mail:	labor@renia.com	
Internet:	www.renia.com	
Responsible Department:	Labor 07:30 - 16:00 Uhr	

#### Supplier

Company name:	Renia USA Inc.	
	USA	
Street:	6180 Atlantic Blvd, Suite N	
Place:	USA-30071 Norcross GA	
Telephone:	+1-770-713-2295	
e-mail:	rainer-buchholz@renia.com	
Contact person:	Dr. Rainer Buchholz	Telephone: +1-770-713-2295
e-mail:	rainer-buchholz@renia.com	
Internet:	www.renia.us	
Responsible Department:	Research: labor@renia.com	

**Emergency phone number:** Infotrac: 1-800-535-5053

## 2. Hazard(s) identification

### Classification of the chemical

#### 29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### Label elements

#### Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

synthetic colour wax with Canauba wax, paraffine, organic and anorganic colours



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#### 4. First-aid measures

##### Description of first aid measures

###### General information

Remove contaminated, saturated clothing immediately.

###### After contact with skin

After contact with molten product, cool skin area rapidly with cold water. Do not use force or solvents to remove product incrustations from affected skin areas. In the case of contact with hot melt, treat skin with: Water and soap.

###### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

###### After ingestion

Induce vomiting when the affected person is not unconscious. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

##### Most important symptoms and effects, both acute and delayed

Belly-ache. gastro-intestinal ailment.

##### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. Fire-fighting measures

##### Extinguishing media

###### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), alcohol resistant foam. Extinguishing powder, ABC powder. Atomized water. Dry sand.

###### Unsuitable extinguishing media

High power water jet. High power water jet.

##### Specific hazards arising from the chemical

In case of fire and/or explosion do not breathe fumes.

##### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Suppress gases/vapours/mists with water spray jet. Use water spray jet to protect personnel and to cool endangered containers. Remove product from area of fire. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product.

##### Environmental precautions

No special environmental protection measures are necessary.

##### Methods and material for containment and cleaning up

Remove from the water surface (e.g. skimming, sucking). Take up mechanically, placing in appropriate containers for disposal.

##### Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

#### 7. Handling and storage

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**Precautions for safe handling****Advice on safe handling**

No special precautionary measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Do not store at temperatures over: 50 °C

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

No special precautionary measures are necessary.

**8. Exposure controls/personal protection****Control parameters****Exposure controls****Protective and hygiene measures**

Wash hands and face before breaks and after work and take a shower if necessary.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Hand protection: not required.

**Skin protection**

No special precautionary measures are necessary.

**Respiratory protection**

No special precautionary measures are necessary.

**Environmental exposure controls**

No special precautionary measures are necessary.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state: solid  
Color: @000000000010  
Odor: Petroleum distillate.

**Test method**

pH-Value: not applicable

**Changes in the physical state**

Melting point/freezing point: 70 °C ASTM D 2116  
Initial boiling point and boiling range: 150 °C  
Sublimation point: not determined  
Softening point: not determined  
Pour point: not determined

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Flash point: &gt; 300 °C DIN 51 755

Sustaining combustion: No data available

**Flammability**

Solid: not determined

Gas: not applicable

**Explosive properties**

negative, no explosion

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: &gt; 500 °C DIN 51 794

**Auto-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapor pressure: not applicable

Vapor pressure: not applicable

Density (at 20 °C): 0,93 g/cm<sup>3</sup> DIN 51 757

Bulk density: not determined

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water

**Solubility in other solvents**

not determined

Partition coefficient: not applicable

Viscosity / dynamic: not applicable

Viscosity / kinematic: not applicable

Flow time: not applicable

Vapor density: not applicable

Evaporation rate: not applicable

Solvent separation test: not applicable

Solvent content: 0 %

**Other information**

Solid content: 100%

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

Stability: Stable

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

**Possibility of hazardous reactions**

Hazardous reactions: Will not occur

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No known hazardous reactions.

**Conditions to avoid**

No information available.

**Incompatible materials**

No information available.

**Hazardous decomposition products**

No known hazardous decomposition products.

**11. Toxicological information****Information on toxicological effects****Toxicokinetics, metabolism and distribution**

There are no data available on the preparation/mixture itself.

**Acute toxicity**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

**Specific effects in experiment on an animal**

There are no data available on the preparation/mixture itself.

**12. Ecological information****Ecotoxicity**

There are no data available on the preparation/mixture itself.

**Persistence and degradability**

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

**Bioaccumulative potential**

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

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**Mobility in soil**

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

**Other adverse effects**

There are no data available on the preparation/mixture itself.

**13. Disposal considerations****Waste treatment methods****Advice on disposal**

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)". Consult the appropriate local waste disposal expert about waste disposal.

**Contaminated packaging**

Non-contaminated packages may be recycled.

**14. Transport information****US DOT 49 CFR 172.101****Proper shipping name:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****UN proper shipping name:**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**Transport hazard class(es):**

Not dangerous goods

Marine pollutant:

No

**Air transport (ICAO-TI/IATA-DGR)****UN proper shipping name:**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**Transport hazard class(es):**

Not dangerous goods

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**15. Regulatory information****U.S. Regulations****State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other information****Hazardous Materials Information Label (HMIS)**

Health: 0

**Changes**

Revision date: 22.06.2017

Revision No: 1,07

This data sheet contains changes from the previous version in section(s): 1,3.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

**Other data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*