



# Material Safety Data Sheet

K-WAX INTERNATIONAL CO., LTD  
No. 43, Sanlong St.,  
Shulin Dist., New  
Taipei City 238, Taiwan(R.O.C.)  
Tel. 886-2-86883099

## 1. Product And Company Identification

**Product Name:** K-WAX ® Athena Carnauba Wax

**Responsible Party:** K-WAX INTERNATIONAL CO., LTD  
No.43, Sanlong St.,  
Shulin Dist., New Taipei  
City 238, Taiwan (R.O.C.)

**Emergency Information:** TEL. 886-2-22968520 FAX. 886-2-22968521

**SDS Date Of Preparation:** 05/01/2019

**Product Use and Uses Advised Against:** Automotive maintenance product – For consumer and professional use

## 2. Hazards Identification

**Classification of the substance or mixture**

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

**Annex - Hazard class and category - Hazard**

**Remarks**

For full text of H-phrases: see SECTION 16.

**Hazards not otherwise classified**

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).

**Label elements**

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

**Signal word** not required

**Pictograms** not required

**Other hazards**

This material is combustible, but will not ignite readily.

## 3. Composition/Information On Ingredients

| Component                     | CAS No.    | Amount |
|-------------------------------|------------|--------|
| Hydrotreated light distillate | 64742-47-8 | 60-70% |
| Carnauba wax                  | 8015-86-9  | 25-30% |
| Silicone Fluid                | 9006-65-9  | 5-8%   |

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.



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## 4. First Aid Measures

**GENERAL ADVICE:** Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

**SKIN CONTACT:** After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

**EYE CONTACT:** Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

**INGESTION:** Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**INHALATION:** Provide fresh air.

**SELF-PROTECTION OF THE FIRST AIDER:** Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

## 5. Firefighting Measures

### Suitable (and Unsuitable) Extinguishing Media

**Suitable extinguishing media** water, foam, alcohol resistant foam, ABC-powder

**Unsuitable extinguishing media** water jet

**Specific Hazards Arising from the Chemical:** Deposited combustible dust has considerable explosion potential. Explosive when mixed with combustible material.

**Hazardous combustion products:** nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

**Special Protective Equipment and Precautions for Fire-fighters:** In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## 6: Accidental Release Measures

### Personal Precautions, Protective Equipment, and Emergency Procedures

**For non-emergency personnel:** Remove persons to safety.

**For emergency responders:** Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

**Environmental Precautions:** Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

### Methods for Containment and Clean-Up

**Advices on how to contain a spill:** Covering of drains. - Take up mechanically.

**Advices on how to clean up a spill:** Take up mechanically. Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).



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**Other information relating to spills and releases:** Place in appropriate containers for disposal. Ventilate affected area

**Reference to other sections:** Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## 7. Handling and Storage

**Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. – No Smoking. Keep out of reach of children and pets. Wash hands thoroughly after handling. Use according to package label instructions.

**Conditions for Safe Storage, Including any Incompatibilities:** Keep container closed and upright when not in use. Store in a cool and well ventilated place. Store locked up. Keep out of reach of children. Keep away from heat, sparks, flame and other sources of ignition. Store in a controlled area or only where trained personnel have access..

## 8. Exposure Controls / Personal Protection

### Exposure Guidelines:

| CHEMICAL                      | EXPOSURE LIMIT                      |
|-------------------------------|-------------------------------------|
| Hydrotreated light distillate | 200 mg/m <sup>3</sup> TWA ACGIH TLV |
| Carnauba wax                  | None Established                    |
| Silicone Fluid                | None Established                    |

**Engineering Controls:** Showers, Eyewash stations and Ventilation systems.

**Personal Protective Equipment:** When using this product as directed on the product label, no protective equipment is necessary. Take normal precautions necessary when using a floor petroleum distillate-based wax product.

**Respiratory Protection:** None required during normal consumer use. Industrial use: Use in a well-ventilated area. If adequate ventilation is unavailable, use a NIOSH-approved respirator.

**Skin and Body Protection:** None required during normal consumer use. Industrial use: Wear impervious gloves and suitable protective clothing.

**Eye Protection:** None required during normal consumer use. Industrial use: Wear safety glasses or chemical goggles.

**Other Protective Equipment/Clothing:** None required under normal use conditions.



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## 9. Physical and Chemical Properties

**Appearance and Odor:** Light orange, opaque Paste

|  |  |
|--|--|
| <b>Physical State:</b> Solid                                 | <b>Odor Threshold:</b> Solvent   |
| <b>pH:</b> Not determined                                    | <b>Specific Gravity:</b> Not determined                                |
| <b>Initial Boiling Point/Range:</b> Not determined           | <b>Vapor Pressure:</b> Not determined                                  |
| <b>Melting/Freezing Point:</b> 150-192°F/66-89°C.            | <b>Vapor Density:</b> Not determined                                   |
| <b>Solubility In Water:</b> Not determined                   | <b>Percent Volatile:</b> >65%  |
| <b>Viscosity:</b> Not determined                             | <b>Evaporation Rate:</b> Not determined                                |
| <b>Coefficient Of Water/Oil Distribution:</b> Not determined | <b>VOC Content:</b> Not determined                                     |
| <b>Flash Point:</b> 200°F/93°C.                              | <b>Autoignition Temp:</b> Not determined                               |
| <b>Decomposition Temperature:</b> Not determined             | <b>Flammability Limits:</b> LEL: Not determined<br>UEL: Not determined |
| <b>Flammability (solid, gas):</b> Combustible.               |  |

## 10. Stability and Reactivity

**Reactivity:** No data available.

**Chemical Stability:** This product is stable under normal conditions (77°F/25°C and 100kPa/1bar).

**Possibility of Hazardous Reactions:** None under normal conditions of use according to label instructions.

**Conditions To Avoid:** Avoid excessive heat; store in a cool, dry, well-ventilated area.  
Keep away from heat, flame, and other potential ignition sources.

**Incompatible Materials:** Incompatible with strong acids, alkalis, and oxidizers.

**Hazardous Decomposition Products:** Carbon Oxides

## 11. Toxicological Information

### POTENTIAL HEALTH EFFECTS:

#### Acute Hazards:

**Inhalation:** Specific test data for the substance or mixture is not available.

**Skin Contact:** Specific test data for the substance or mixture is not available.

**Eye Contact:** Specific test data for the substance or mixture is not available.

**Ingestion:** Specific test data for the substance or mixture is not available.

**Carcinogenicity Listing:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.



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## **Acute Toxicity Values:**

Hydrotreated light distillate: LD50 Oral rat > 5,000 mg/kg  
LD50 Skin rabbit > 2,000 mg/kg

## 12. Ecological Information

### **Ecotoxicity:**

Hydrotreated light distillate: LC50 inh, rat >6.03 mg/L/4 hr

**Persistence and Degradability:** No data available

**Bio accumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** No data available

## 13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

## 14. Transport Information

**UN number**

**UN proper shipping name** not relevant

**Transport hazard class(es)**

Class -

**Packing group** not relevant

**Environmental hazards**

**Special precautions for user**

There is no additional information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The cargo is not intended to be carried in bulk.



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## 15. Regulatory Information

Safety, health and environmental regulations specific for the product in question

### National regulations (United States)

#### **SARA TITLE III (Superfund Amendment and Reauthorization Act)**

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

## 16. Other Information

NFPA Rating (NFPA 704):

Health: 0

Fire: 2

Instability: 0

HMIS Rating:

Health: 0

Fire: 2

Physical Hazard: 0

| Code | Text   |
|------|--|
| H227 | combustible liquid                           |
| H304 | may be fatal if swallowed and enters airways |

REVISION SUMMARY: June 9, 2021 Update to GHS SDS format and name change: Changes to all sections.

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH