



## SAFETY DATA SHEET

### Wax

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

#### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

##### **1.1. Product identifier**

Product name Wax  
Product number 79-2

##### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Wax for car care.  
Uses advised against For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

##### **1.3. Details of the supplier of the safety data sheet**

Supplier Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

Contact person Mr. Russell Butler  
Manufacturer

##### **1.4. Emergency telephone number**

Emergency telephone Mob: +44 (0) 7808 971321 (24hrs) Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best. If NHS 111 does not yet cover your area, you can call NHS Direct in England or Wales on 08 45 46 47\* or NHS 24 in Scotland on 0845 24 24 24\* (UK Only) The NHS 111 service will also be available via the harmonised European number for medical advice 116 117\* Calls to 084 numbers are charged at a higher rate than standard calls on BT's most popular call plan (BT Unlimited Weekend). Mobile and other providers costs will vary and you should check the costs of calls with your provider

#### **SECTION 2: Hazards identification**

##### **2.1. Classification of the substance or mixture**

###### **Classification**

###### **Physical hazards**

Not Classified

###### **Health hazards**

Not Classified

###### **Environmental hazards**

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Environmental

**Wax**

The product is not expected to be hazardous to the environment.

**Physicochemical**

Not considered to be a significant hazard due to the small quantities used.

**2.2. Label elements****Hazard statements**

NC Not Classified

**Precautionary statements**

P102 Keep out of reach of children.

**Supplemental label information**

EUH210 Safety data sheet available on request.

**Detergent labelling**

< 5% perfumes, Contains Coumarin

**2.3. Other hazards**

Caution Combustible vapor.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>ALKANE, C11-15-iso</b> CAS number: 90622-58-5 EC number: 292-460-6	<b>30-60%</b>
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. R66.
<b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> CAS number: 64742-48-9 EC number: 919-857-5 REACH registration number: 01-2119463258-33-XXXX	<b>10-15%</b>
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. R10,R66,R67.
<b>Paraffin Wax</b> CAS number: 8002-74-2 EC number: 232-315-6 Substance with a Community workplace exposure limit.	<b>5-10%</b>
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

Get medical attention if any discomfort continues.

**Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

**Skin contact**

Remove contaminated clothing. Rinse with water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed****General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

## Wax

No specific symptoms known.

### Ingestion

May cause discomfort if swallowed.

### Skin contact

Prolonged skin contact may cause redness and irritation.

### Eye contact

Prolonged contact may cause redness and/or tearing.

### **4.3. Indication of any immediate medical attention and special treatment needed**

#### Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### **5.2. Special hazards arising from the substance or mixture**

#### Specific hazards

Oxides of the following substances: Carbon. Nitrogen. No unusual fire or explosion hazards noted.

#### Hazardous combustion products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **5.3. Advice for firefighters**

#### Protective actions during firefighting

No specific firefighting precautions known.

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### Personal precautions

For personal protection, see Section 8.

### **6.2. Environmental precautions**

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Contain spillage with sand, earth or other suitable non-combustible material.

### **6.3. Methods and material for containment and cleaning up**

#### Methods for cleaning up

Stop leak if possible without risk. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Avoid the spillage or runoff entering drains, sewers or watercourses. Flush away spillage with plenty of water. Wash thoroughly after dealing with a spillage. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

### **6.4. Reference to other sections**

#### Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours. During application and drying, solvent vapours will be emitted.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in closed original container at

### Wax

temperatures between 5°C and 30°C. Keep above the chemical's freezing point to avoid rupturing the container.

#### Storage class

Chemical storage.

#### 7.3. Specific end use(s)

##### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m3

Short-term exposure limit (15-minute): WEL

##### Paraffin Wax

Long-term exposure limit (8-hour TWA): WEL 2 mg/m3

Short-term exposure limit (15-minute): WEL 6 mg/m3

WEL = Workplace Exposure Limit

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

DNEL	Industry - Dermal; Long term : 208 mg/kg/day
	Industry - Inhalation; Long term : 871 mg/kg/day
	Consumer - Dermal; Long term : 125 mg/kg/day
	Consumer - Inhalation; Long term : 185 mg/kg/day
	Consumer - Oral; Long term : 125 mg/kg/day

##### Paraffin Wax (CAS: 8002-74-2)

##### Ingredient comments

No exposure limits known for ingredient(s).

##### Glycol Montanate (Montan wax) (CAS: 73138-45-1)

##### Ingredient comments

No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Polyvinyl chloride (PVC). It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for different glove manufacturers. Use thin cotton gloves inside the rubber gloves if allergy risk.

##### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

##### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

##### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended

## Wax

occupational exposure limit.

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### SECTION 9: Physical and Chemical Properties

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#### 9.1. Information on basic physical and chemical properties

**Appearance**

Wax

**Colour**

Yellowish. to Light brown.

**Odour**

Pleasant, agreeable.

**Odour threshold**

Not available. Not available.

**pH**

pH (concentrated solution): ~ 7.0 pH (diluted solution): ~ 7.0 @ 1%

**Melting point**

~ 50°C

**Initial boiling point and range**

Not determined. °C @

**Flash point**

> 62°C CC (Closed cup).

**Evaporation rate**

Not available.

**Upper/lower flammability or explosive limits**

Not applicable. : :

**Vapour pressure**

Not available.

**Vapour density**

Not available.

**Relative density**

~ 0.810 @ (20°C)°C

**Solubility(ies)**

Insoluble in water. Miscible with water.

**Partition coefficient**

Not available.

**Auto-ignition temperature**

Not determined.

**Decomposition Temperature**

Not available.

**Viscosity**

Not applicable. @ °C

**Oxidising properties**

Does not meet the criteria for classification as oxidising.

**Comments**

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

#### 9.2. Other information

**Volatile organic compound**

This product contains a maximum VOC content of 527 g/litre.

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### SECTION 10: Stability and reactivity

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#### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability**

## Wax

No particular stability concerns. Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Not relevant. Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid freezing.

### 10.5. Incompatible materials

#### **Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## **SECTION 11: Toxicological information**

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### 11.1. Information on toxicological effects

#### **Other health effects**

There is no evidence that the product can cause cancer. IARC Not Listed. IARC Int. Agency for Cancer Research. NTP Not Listed. OSHA Not Regulated.

#### **Skin corrosion/irritation**

##### **Human skin model test**

Scientifically unjustified.

##### **Extreme pH**

Moderate pH (> 2 and < 11.5). Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Not irritating.

#### **Aspiration hazard**

Kinematic viscosity > 20.5 mm<sup>2</sup>/s. Not applicable.

### **General information**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

#### **Inhalation**

No specific health hazards known.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

May cause defatting of the skin but is not an irritant.

#### **Eye contact**

Vapour or spray in the eyes may cause irritation and smarting.

#### **Acute and chronic health hazards**

Because of the product's quantity and composition, the health hazard is regarded as low. No specific long-term effects known. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

#### **Route of entry**

Ingestion.

#### **Medical symptoms**

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

#### **Medical considerations**

Skin disorders and allergies.

## Wax

### Toxicological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### **Other health effects**

There is no evidence that the product can cause cancer.

#### **Acute toxicity - oral**

##### **Acute toxicity oral (LD50 mg/kg)**

5,000

##### **Species**

Rat

#### **Acute toxicity - dermal**

##### **Acute toxicity dermal (LD50 mg/kg)**

5000

##### **Species**

Rabbit

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## SECTION 12: Ecological Information

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### **Ecotoxicity**

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product is not expected to be hazardous to wastewater treatment processes. The product does not contain organically bound halogen. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days.

### **Ecological information on ingredients.**

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### **Ecotoxicity**

The product is not expected to be toxic to aquatic organisms.

### **12.1. Toxicity**

#### **Acute toxicity - fish**

Not determined.

#### **Acute toxicity - aquatic invertebrates**

Not determined.

#### **Acute toxicity - aquatic plants**

Not determined.

#### **Acute toxicity - microorganisms**

Not determined.

#### **Acute toxicity - terrestrial**

Not determined.

### **12.2. Persistence and degradability**

#### **Persistence and degradability**

The product is biodegradable but it must not be discharged into drains without permission from the authorities. Volatile substances are degraded in the atmosphere within a few days.

### **Ecological information on ingredients.**

#### ALKANE, C11-15-iso

#### **Persistence and degradability**

Volatile substances are degraded in the atmosphere within a few days.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### **Persistence and degradability**

Volatile substances are degraded in the atmosphere within a few days.

#### Paraffin Wax

#### **Persistence and degradability**

The product is not readily biodegradable.

### **12.3. Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

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### Partition coefficient

Not available.

#### Ecological information on ingredients.

##### ALKANE, C11-15-iso

The product does not contain any substances expected to be bioaccumulating.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

The product does not contain any substances expected to be bioaccumulating.

##### Paraffin Wax

The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

#### **Mobility**

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

#### Ecological information on ingredients.

##### ALKANE, C11-15-iso

#### **Mobility**

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### **Mobility**

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

##### Paraffin Wax

#### **Mobility**

Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

Not applicable.

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## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **General information**

The packaging must be empty (drop-free when inverted).

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.  
Packaging: Reuse or recycle products wherever possible.

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## **SECTION 14: Transport information**

#### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

#### **UN No. (IMDG)**

#### **UN No. (ICAO)**

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.



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ADR/RID class  
ADR/RID subsidiary risk  
ADR/RID label  
IMDG class  
IMDG subsidiary risk  
ICAO class/division  
ICAO subsidiary risk  
Transport labels

### 14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

EmS

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU legislation**

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### **Guidance**

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

#### **Water hazard classification**

WGK 1

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

#### **General information**

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.  
Only trained personnel should use this material.

#### **Revision comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

#### **Issued by**

Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com rbutler@autosmart.co.uk Tel +44 (0)1543 481616

**Wax****Revision date** 20/10/2014**Revision** 6**Supersedes date** 08/10/2013**SDS status** Approved.**Risk phrases in full**

NC Not classified.

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

**Hazard statements in full**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.