



**MATERIAL SAFETY DATA SHEET**  
**Wax**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product Name** Wax  
**Product No.** 79-1

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

**Application:** 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 Australia  
11 Darrambal Close  
Rathmines  
NSW 2283  
Australia  
www.autosmartinternational.com  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST) (General Information. Transport Information. Mild Medical Information)  
autosmart@autosmartaustralia.com.au

**Contact Person** Mr. Russell Butler

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

**1.4. Emergency telephone number**

Emergency No: +44 7808 971321 (24hrs) (Autosmart International, UK)  
General Information. Transport Information. Mild medical Information:-  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

**SECTION 2: HAZARDS IDENTIFICATION**

**Risk Phrases** NC Not classified.

**Safety Phrases** S2 Keep out of the reach of children.  
P13 Safety data sheet available for professional user on request.

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

**Environment**

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

**Physical and Chemical Hazards**

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

**2.2. Label elements**

**Wax****Detergent Labelling:**

< 5% perfumes  
Contains Coumarin

**Risk Phrases**

NC Not classified.

**Safety Phrases**

S2 Keep out of the reach of children.  
P13 Safety data sheet available for professional user on request.

**2.3. Other hazards**

This product does not contain any PBT or vPvB Substances.

**Statement Of Hazardous Nature**

NON-HAZARDOUS SUBSTANCE (According to criteria of NOHSC). NON-DANGEROUS GOODS (According to ADG Code).

**ADR Class** Not dangerous according to ADR. Not classified for transportation.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED</b>	<b>30-60%</b>	
<b>CAS-No.: 64742-47-8</b>	<b>EC No.: 265-149-8</b>	
Classification (EC 1272/2008) Asp. Tox. 1 - H304	Classification (67/548) Xn;R65	
<b>ALKANE, C11-15-iso</b>	<b>20-30%</b>	
<b>CAS-No.: 90622-58-5</b>	<b>EC No.: 292-460-6</b>	
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548) Xn;R65. R66.	
<b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	<b>10-15%</b>	
<b>CAS-No.: 64742-48-9</b>	<b>EC No.: 919-857-5</b>	<b>Registration Number: 01-2119463258-33-xxxx</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548) Xn;R65. R10,R66,R67.	
<b>PARAFFIN WAX</b>	<b>5-10%</b>	
<b>CAS-No.: 8002-74-2</b>	<b>EC No.: 232-315-6</b>	
<b>Substance with a Community workplace exposure limit.</b>		
Classification (EC 1272/2008) Not classified.	Classification (67/548) Not classified.	

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

**SECTION 4: FIRST AID MEASURES****Susdp First Aid Instructions**

For advice, contact a Poisons Information Centre (Phone 13 1126) or a doctor.

If swallowed, do NOT induce vomiting.

## Wax

### **4.1. Description of first aid measures**

#### **Inhalation**

Get medical attention if any discomfort continues.

#### **Ingestion**

Rinse mouth thoroughly. Drink plenty of water. 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**

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. 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 dependant of the concentration and the length of exposure.

#### **Inhalation**

No specific symptoms noted.

#### **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**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

#### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

#### **Hazardous Combustion Products**

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

#### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

#### **Specific hazards**

Oxides of: Carbon. Nitrogen.

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

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

#### **Protective equipment for fire-fighters**

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For personal protection, see section 8.

### **6.2. Environmental precautions**

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Contain spillages with sand, earth or any suitable adsorbent material.

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

Stop leak if possible without risk. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Do not contaminate water sources or sewer. Small quantities may be flushed to drains with plenty of water. Wash thoroughly after dealing with a spillage. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

## Wax

**6.4. Reference to other sections**

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

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

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

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

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

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PARAFFIN WAX	NOHSC		2 mg/m <sup>3</sup>			

NOHSC = The National Occupational Health and Safety Commission.

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

No exposure limits noted for ingredient(s).

**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

**8.2. Exposure controls****Protective equipment****Process Conditions**

Provide eyewash station.

**Engineering measures**

No particular ventilation requirements.

**Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**Hand protection**

For prolonged or repeated skin contact use suitable protective gloves. Rubber, neoprene or PVC. PVC gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Use thin cotton gloves inside the rubber gloves if allergy risk.

**Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**Other Protection**

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

**Hygiene measures**

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 wet or 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.

## Wax

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Wax
<b>Colour</b>	Yellowish to Light brown.
<b>Odour</b>	Pleasant, agreeable.
<b>Solubility</b>	Insoluble in water Miscible with water
<b>Boiling Point (°C)</b>	
Not determined.	
<b>Melting point (°C)</b>	~ 50
<b>Relative density</b>	(20°C) ~ 0.810
<b>Vapour density (air=1)</b>	
Not available.	
<b>Vapour pressure</b>	
Not available.	
<b>Evaporation rate</b>	
Not available.	
<b>pH-Value, Conc. Solution</b>	~ 7.0
<b>pH-Value, Diluted Solution</b>	~ 7.0 @ 1%
<b>Viscosity</b>	
Not applicable.	
<b>Decomposition temperature (°C)</b>	
Not available.	
<b>Odour Threshold, Lower</b>	
Not available.	
<b>Odour Threshold, Upper</b>	
Not available.	
<b>Flash point (°C)</b>	> 62 CC (Closed cup).
<b>Auto Ignition Temperature (°C)</b>	
Not determined.	
<b>Flammability Limit - Lower(%)</b>	
Not applicable.	
<b>Flammability Limit - Upper(%)</b>	
Not applicable.	
<b>Partition Coefficient (N-Octanol/Water)</b>	
Not available.	
<b>Oxidising properties</b>	
Does not meet the criteria for oxidising.	
<b>Other Information</b>	Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

**9.2. Other information**

<b>Volatility Description</b>	Emits vapours, especially during heating.
<b>Volatile Organic Compound (VOC)</b>	527 g/litre

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

No particular stability concerns. Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Not relevant.

**Hazardous Polymerisation**

Will not polymerise.

# Wax

## **10.4. Conditions to avoid**

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

## **10.5. Incompatible materials**

### **Materials To Avoid**

No specific, or groups of materials are likely to react to produce a hazardous situation.

## **10.6. Hazardous decomposition products**

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

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Other Health Effects**

This substance has no evidence of carcinogenic properties. 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**

##### **Viscosity**

Kinematic viscosity > 20.5 mm<sup>2</sup>/s

Not relevant, due to the form of the product.

#### **General information**

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

#### **Inhalation**

No specific health warnings noted.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

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

#### **Eye contact**

Spray and vapour in the eyes may cause irritation and smarting.

#### **Health Warnings**

Because of quantity and composition, the health hazard is small. Serious long-term effects are not known to be related to this type of product. 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.

#### **Toxicological Information on Ingredients:**

## Wax

### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - Unspecified (CAS: 64742-47-8)

#### Toxic Dose 1 - LD 50

10000 mg/kg (oral rat)

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

#### Toxic Dose 1 - LD 50

3160 mg/kg (oral rat)

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

#### Acute toxicity:

##### Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

> 5000 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

> 5 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product is not expected to be hazardous to waste water 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 (CAS: 64742-48-9)

#### 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

#### 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:

#### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - Unspecified (CAS: 64742-47-8)

#### Degradability

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

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

#### Degradability

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

#### PARAFFIN WAX (CAS: 8002-74-2)

#### Degradability

The product is not readily biodegradable.

#### ALKANE, C11-15-iso (CAS: 90622-58-5)

#### Degradability

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

## Wax

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

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

#### Partition coefficient

Not available.

#### Ecological Information on Ingredients:

##### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - Unspecified (CAS: 64742-47-8)

#### Bioaccumulative potential

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

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

#### Bioaccumulative potential

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

PARAFFIN WAX (CAS: 8002-74-2)

#### Bioaccumulative potential

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

ALKANE, C11-15-iso (CAS: 90622-58-5)

#### Bioaccumulative potential

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

### 12.4. Mobility in soil

#### Mobility:

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

#### Ecological Information on Ingredients:

##### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - Unspecified (CAS: 64742-47-8)

#### Mobility:

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

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

#### Mobility:

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

PARAFFIN WAX (CAS: 8002-74-2)

#### Mobility:

Not considered mobile.

ALKANE, C11-15-iso (CAS: 90622-58-5)

#### Mobility:

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

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

#### Ecological Information on Ingredients:

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

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### General information

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

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Packaging: Recover and reclaim or recycle, if practical.

## SECTION 14: TRANSPORT INFORMATION

#### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADG).



## Wax

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

**ADR Class** Not dangerous according to ADR. Not classified for transportation.

**Transport Labels**

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally Hazardous Substance/Marine Pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

**Poisons Schedule Number** No Poison Schedule number allocated.

### **National Regulations And References**

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). National Code of Practice for the Preparation of Material Safety Data Sheets. Approved Criteria for Classifying Hazardous Substances. Exposure Standards for Atmospheric Contaminants in the Occupational Environment. Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Code of Practice for the Labelling of Workplace Substances. National Model Regulations for the Control of Workplace Hazardous Substances. National Code of Practice for the Control of Workplace Hazardous Substances. National Standard for the Storage and Handling of Workplace Dangerous Goods. National Code of Practice for the Storage and Handling of Workplace Dangerous Goods. Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous Substances in the Workplace. National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.

### 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### **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.

## Wax

### Revision Comments

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

<b>Issued By</b>	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
<b>Revision Date</b>	08/10/2013
<b>Revision</b>	5
<b>Supersedes date</b>	15/05/2013
<b>Safety Data Sheet Status</b>	Approved.

### Risk Phrases In Full

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
NC	Not classified.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
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.