



## SAFETY DATA SHEET

### Midnight

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** Midnight

**Product number** 1007-1

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

**Identified uses** Car maintenance product. - Dye

**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

##### 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.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

#### SECTION 2: Hazards identification

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

###### Classification

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Not Classified

**Environmental hazards** Not Classified

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**Classification (67/548/EEC or 1999/45/EC)** F;R11.

**Human health** Product has a defatting effect on skin.

**Physicochemical** Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

### 2.2. Label elements

#### Pictogram



**Signal word** Danger

**Hazard statements** H225 Highly flammable liquid and vapour.

**Precautionary statements** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing spray.  
P280 Wear protective gloves.  
P284 [In case of inadequate ventilation] wear respiratory protection.  
P403+P235 Store in a well-ventilated place. Keep cool.

**Supplementary precautionary statements** P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical equipment.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
P501 Dispose of contents/container in accordance with national regulations.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ETHANOL</b>	<b>60-100%</b>
CAS number: 64-17-5	EC number: 200-578-6
	REACH registration number: 01-2119457610-43-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11
<b>ETHYL ACETATE</b>	<b>1-2%</b>
CAS number: 141-78-6	EC number: 205-500-4
	REACH registration number: 01-2119475103-46-xxxx
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67
STOT SE 3 - H336	
Eye Irrit. 2 - H319	

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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

<b>Inhalation</b>	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals, sand, dolomite etc.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is flammable. Heating may generate flammable vapours. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to flames with water until well after the fire is out. Move containers from fire area if it can be done without risk. Use water spray to reduce vapours. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	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. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up.

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

**Methods for cleaning up** Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

#### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Static electricity and formation of sparks must be prevented.

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

**Storage precautions** Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Flammable liquid 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

##### **ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

##### **ETHYL ACETATE**

Short-term exposure limit (15-minute): WEL 400 ppm

Long-term exposure limit (8-hour TWA): WEL 200 ppm

WEL = Workplace Exposure Limit

##### **Shellac (CAS: 9000-59-3)**

**Ingredient comments** No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

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### Protective equipment



### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

### 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

Wear protective gloves made of the following material: Polyvinyl chloride (PVC). 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. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

### Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination.

### Hygiene measures

Provide eyewash station. 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 wet or contaminated. 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 occupational exposure limit. It is recommended to use respiratory equipment with combination filter, type A2/P2.

## SECTION 9: Physical and Chemical Properties

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

Appearance	Liquid.
Colour	Dark. Grey. to Black.
Odour	Alcoholic.
Odour threshold	Not available.
Initial boiling point and range	~ 82°C @ 760 mm Hg
Flash point	12°C CC (Closed cup).
Evaporation rate	2.93 BuAc=1
Vapour pressure	~ 4.16 kPa @ °C
Vapour density	2.8
Relative density	~ 0.79 @ (20°C)°C
Solubility(ies)	Insoluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	~ 400°C
Decomposition Temperature	Not available.
Viscosity	Not determined.
Oxidising properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

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### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of 764 g/litre.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** No particular stability concerns.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No data recorded.

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

**Inhalation** Vapours may cause headache, fatigue, dizziness and nausea. Drowsiness, dizziness, disorientation, vertigo.

**Ingestion** Gastrointestinal symptoms, including upset stomach. May cause nausea, headache, dizziness and intoxication.

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

**Eye contact** Irritating to eyes.

**Route of entry** Inhalation Ingestion.

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

## SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Acute toxicity - fish** Not determined.

**Acute toxicity - aquatic invertebrates** Not determined.

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**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

### 12.2. Persistence and degradability

**Persistence and degradability** Volatile substances are degraded in the atmosphere within a few days.

### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not available.

### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is insoluble in water and will spread on the water surface.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The packaging must be empty (drop-free when inverted). Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor. Confirm disposal procedures with environmental engineer and local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses. Packaging: Reuse or recycle products wherever possible.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S. (Ethanol)

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### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID label	3
IMDG class	3
ICAO class/division	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-E, S-E
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

## SECTION 15: Regulatory information

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

EU legislation	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).
Water hazard classification	WGK 2

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

General information	Only trained personnel should use this material.
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<b>Revision comments</b>	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>	27/11/2015
<b>Revision</b>	9
<b>Supersedes date</b>	10/05/2013
<b>SDS number</b>	10571
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R10 Flammable. R11 Highly flammable. R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R36 Irritating to eyes. R37/38 Irritating to respiratory system and skin. R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 Risk of serious damage to eyes. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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.