



## SAFETY DATA SHEET

### Highstyle

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** Highstyle  
**Product number** 314-15

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

**Identified uses** Car maintenance product. - Dressing  
**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. 3 - H226  
**Health hazards** STOT SE 3 - H336  
**Environmental hazards** Not Classified

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**Classification (67/548/EEC or 1999/45/EC)** R10,R66,R67.

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

### 2.2. Label elements

#### Pictogram



**Signal word** Warning

**Hazard statements** H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

**Precautionary statements** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing vapour/spray.  
P280 Wear protective gloves.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Supplemental label information** EUH066 Repeated exposure may cause skin dryness or cracking.

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

**Supplementary precautionary statements** P243 Take precautionary measures against static discharge.  
P271 Use only outdoors or in a well-ventilated area.  
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>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	<b>60-100%</b>
CAS number: 64742-48-9	EC number: 919-857-5
	REACH registration number: 01-2119463258-33-XXXX
<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.

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

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<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<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. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Use suitable lotion to moisturise skin. 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>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause stomach pain or vomiting. 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: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO <sub>2</sub> ).
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Oxides of the following substances: Carbon. The product is flammable.
<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>	Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	For personal protection, see Section 8.
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### 6.2. Environmental precautions

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**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.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses. 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.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. During application and drying, solvent vapours will be emitted.

### 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

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

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

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

WEL = Workplace Exposure Limit

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

<b>DNEL</b>	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

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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: Nitrile rubber. 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.

### 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 with soap and water 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

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.

## SECTION 9: Physical and Chemical Properties

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

Appearance	Liquid.
Colour	Orange.
Odour	Citrus
Odour threshold	Not available.
Initial boiling point and range	150 - 200 @°C @ 760 mm Hg
Flash point	~ 40°C CC (Closed cup).
Evaporation rate	65 (diethyl ether = 1)
Vapour pressure	0.4 kPa @ °C
Vapour density	> 1
Relative density	~ 0.820 @ 20°C
Solubility(ies)	Insoluble in water. Miscible with the following materials: Organic solvents.
Partition coefficient	Not available.
Auto-ignition temperature	~ 230°C
Decomposition Temperature	Not available.
Viscosity	23.3 mPa s @ 40°C Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
Oxidising properties	Not applicable.

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**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 601 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** Stable at normal ambient temperatures.

### 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 acids. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Other health effects** There is no evidence that the product can cause cancer.

### Aspiration hazard

**Aspiration hazard** Kinematic viscosity > 20.5 mm<sup>2</sup>/s. Based on available data the classification criteria are not met.

### **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.

### **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.

### **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.

### 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.

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### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,000.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 5,000.0

Species Rabbit

## SECTION 12: Ecological Information

**Ecotoxicity** No negative effects on the aquatic environment are known. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 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 expected to be biodegradable. Volatile substances are degraded in the atmosphere within a few days.

### Ecological information on ingredients.

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

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

**Partition coefficient** Not available.

### Ecological information on ingredients.

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

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

### 12.4. Mobility in soil

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**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.

### Ecological information on ingredients.

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

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

### 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.

### Ecological information on ingredients.

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

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 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** Avoid the spillage or runoff entering drains, sewers or watercourses. 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.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1300

UN No. (IMDG) 1300

UN No. (ICAO) 1300

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) TURPENTINE SUBSTITUTE

Proper shipping name (IMDG) TURPENTINE SUBSTITUTE

Proper shipping name (ICAO) TURPENTINE SUBSTITUTE

Proper shipping name (ADN) TURPENTINE SUBSTITUTE

### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3



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IMDG class 3

ICAO class/division 3

### Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-E

Emergency Action Code 3Y

Hazard Identification Number 30  
(ADR/RID)

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 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.

## Highstyle

<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>	05/01/2016
<b>Revision</b>	10
<b>Supersedes date</b>	24/02/2015
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	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.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. 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.