



## SAFETY DATA SHEET

### (Aerosol) Jelsol

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

Product name (Aerosol) Jelsol

Product number A44-7

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

Identified uses Adhesive and graffiti remover

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

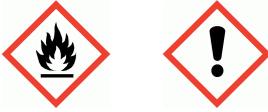
###### Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315

Environmental hazards Not Classified

##### 2.2. Label elements

**(Aerosol) Jelsol****Pictogram****Signal word**

Danger

**Hazard statements**

H312+H332 Harmful in contact with skin or if inhaled.  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H315 Causes skin irritation.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P261 Avoid breathing vapour/ spray.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Supplemental label information**

EUH066 Repeated exposure may cause skin dryness or cracking.

**Contains**

XYLENE, METHANOL

**Supplementary precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P403 Store in a well-ventilated place.

**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>XYLENE</b>		<b>30&lt;60%</b>
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-xxxx
Substance with a Community workplace exposure limit.		
<b>Classification</b>		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		

**(Aerosol) Jelsol**

<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>		<b>20&lt;30%</b>
CAS number: 68476-85-7	EC number: 270-704-2	REACH registration number: Exempt - Article 2(7)(b)
Substance with a Community workplace exposure limit.		
<b>Classification</b>		
Flam. Gas 1 - H220		
Press. Gas (Liq.) - H280		
<b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>		<b>10&lt;15%</b>
CAS number: 64742-48-9	EC number: 919-857-5	REACH registration number: 01-2119463258-33-XXXX
Substance with a Community workplace exposure limit.		
<b>Classification</b>		
Flam. Liq. 3 - H226		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
<b>METHANOL</b>		<b>0.2&lt;0.5%</b>
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-xxxx
Substance with National workplace exposure limits.		
<b>Classification</b>		
Flam. Liq. 2 - H225		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
STOT SE 1 - H370		

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

#### Inhalation

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

## (Aerosol) Jelsol

<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
<b>Skin contact</b>	It is important to remove the substance from the skin immediately. Take off immediately all contaminated clothing. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

<b>General information</b>	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	Redness. Irritating to skin.
<b>Eye contact</b>	May be slightly irritating to eyes. May cause discomfort.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Vapours may form explosive mixtures with air. This product is toxic.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

### 5.3. Advice for firefighters

## (Aerosol) Jelsol

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Evacuate area. Risk of explosion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid contact with skin and eyes.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Approach the spillage from upwind. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

## (Aerosol) Jelsol

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.
<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

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

<b>Storage precautions</b>	Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.
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<b>Storage class</b>	Chemical storage.
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### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## **SECTION 8: Exposure controls/Personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

##### **XYLENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

##### **PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

##### **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

##### **METHANOL**

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Sk = Can be absorbed through skin.

### XYLENE (CAS: 1330-20-7)

**(Aerosol) Jelsol**

<b>DNEL</b>	Industry - Inhalation; Short term : 442 mg/m <sup>3</sup>
	Industry - Inhalation; Long term : 221 mg/kg/day
	Industry - Dermal; Long term : 3182 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term : 260 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term : 65.3 mg/m <sup>3</sup>
	Consumer - Dermal; : 1872 mg/kg/day
	Consumer - Oral; Long term : 12.5 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.327 mg/l
	- marine water; 0.327 mg/l
	- Sediment (Freshwater); 12.46 mg/kg
	- Sediment (Marinewater); 12.46 mg/kg
	- Soil; 2.31 mg/kg
	- STP; 6.58 mg/l

**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

**METHANOL (CAS: 67-56-1)**

<b>DNEL</b>	Industry - Dermal; Long term systemic effects: 40 mg/kg/day
	Industry - Inhalation; Long term systemic effects: 260 mg/m <sup>3</sup>
	Industry - Dermal; Short term systemic effects: 40 mg/kg/day
	Industry - Inhalation; Short term systemic effects: 260 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 8 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 50 mg/m <sup>3</sup>
	Consumer - Dermal; Short term systemic effects: 8 mg/kg/day
	Consumer - Inhalation; Short term systemic effects: 50 mg/m <sup>3</sup>
	Consumer - Oral; Short term systemic effects: 8 mg/kg/day

**8.2. Exposure controls****Protective equipment****Appropriate engineering controls**

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

## (Aerosol) Jelsol

<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. The choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. When used with mixtures, the protection time of gloves cannot be accurately estimated. Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Thickness: > 0.2 mm The selected gloves should have a breakthrough time of at least 0.5 hours. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application. Use thin cotton gloves inside natural rubber gloves if there is an allergy risk to natural rubber.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Hygiene measures</b>	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Aerosol. Slightly viscous liquid.
<b>Colour</b>	Brown.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	-40 ~ -2°C @ 1013 hPa
<b>Flash point</b>	-60°C Closed cup.

**(Aerosol) Jelsol**

<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.4 % Upper flammable/explosive limit: 10.9 %
<b>Vapour pressure</b>	590 - 1760 kPa @ °C
<b>Vapour density</b>	~ 1.5 @ 15°C
<b>Relative density</b>	~ 0.510 @ 15°C
<b>Solubility(ies)</b>	Soluble in the following materials: Organic solvents. Insoluble in water.
<b>Partition coefficient</b>	log Pow: 2.3 - 2.8
<b>Auto-ignition temperature</b>	365°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not determined.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures. Information given is applicable to the major ingredient.

**9.2. Other information**

**Volatile organic compound** This product contains a maximum VOC content of 721 g/litre.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity** See the other subsections of this section for further details.

**10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** The following materials may react strongly with the product: Oxidising agents.

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated

**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**

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - oral**

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**(Aerosol) Jelsol**

<b>ATE oral (mg/kg)</b>	64,834.02
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Acute Tox. 4 - H312 Harmful in contact with skin.
<b>ATE dermal (mg/kg)</b>	1,881.88
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Acute Tox. 4 - H332 Harmful if inhaled.
<b>ATE inhalation (vapours mg/l)</b>	648.34
<b>ATE inhalation (dusts/mists mg/l)</b>	2.58
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Irritating to skin.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>IARC carcinogenicity</b>	Contains a substance which may be potentially carcinogenic. IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b><u>General information</u></b>	
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	Redness. Irritating to skin.

**(Aerosol) Jelsol**

<b>Eye contact</b>	May be slightly irritating to eyes. May cause discomfort.
<b>Acute and chronic health hazards</b>	Because of the product's quantity and composition, the health hazard is regarded as low.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.
<b>Medical symptoms</b>	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
<b>Medical considerations</b>	Skin disorders and allergies.

**Toxicological information on ingredients.****XYLENE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 4,300.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** Acute Tox. 4 - H312 Harmful in contact with skin.

**ATE dermal (mg/kg)** 1,100.0

**Acute toxicity - inhalation**

**Notes (inhalation LC<sub>50</sub>)** Acute Tox. 4 - H332 Harmful if inhaled.

**ATE inhalation (dusts/mists mg/l)** 1.5

**Skin corrosion/irritation**

**Animal data** Irritating.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

**Respiratory sensitisation**

**Respiratory sensitisation** Based on available data the classification criteria are not met.

**Skin sensitisation**

**Skin sensitisation** Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Not available.

**Carcinogenicity**

**(Aerosol) Jelsol**

<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b>Target organs</b>	Respiratory system, lungs
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b><u>General information</u></b>	
	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.
<b>Ingestion</b>	May cause irritation.
<b>Skin contact</b>	Redness. Irritating to skin.
<b>Eye contact</b>	No specific symptoms known.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.
	<b><u>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</u></b>
<b><u>Skin corrosion/irritation</u></b>	
<b>Human skin model test</b>	Scientifically unjustified.
<b>Extreme pH</b>	Scientifically unjustified.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vivo</b>	This substance has no evidence of mutagenic properties.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b>Target organs</b>	Central nervous system
<b><u>Specific target organ toxicity - repeated exposure</u></b>	

**(Aerosol) Jelsol**

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

**Target organs** Central nervous system

**Aspiration hazard**

**Aspiration hazard** 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. Vapour may affect central nervous system. Symptoms following overexposure may include the following: Headache. Nausea, vomiting. Intoxication. May cause discomfort. Vapour may irritate respiratory system/lungs.

**Ingestion** May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach. May cause discomfort if swallowed. No harmful effects expected from quantities likely to be ingested by accident.

**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.

**Route of exposure** Inhalation Ingestion. Skin and/or eye contact

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

**METHANOL****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,130.0

**Species** Human

**ATE oral (mg/kg)** 300.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 15,800.0

**Species** Rabbit

**ATE dermal (mg/kg)** 300.0

**(Aerosol) Jelsol****Acute toxicity - inhalation**

**Acute toxicity inhalation** 128.2  
(LC<sub>50</sub> vapours mg/l)

**Species** Rat

**ATE inhalation (vapours** 3.0  
**mg/l)**

**ATE inhalation** 0.5  
**(dusts/mists mg/l)**

**Serious eye damage/irritation**

**Serious eye** Not irritating.  
**damage/irritation**

**Respiratory sensitisation**

**Respiratory sensitisation** Guinea pig: Not sensitising.

**Skin sensitisation**

**Skin sensitisation** Not sensitising.

**Germ cell mutagenicity**

**Genotoxicity - in vitro** : Negative. This substance has no evidence of mutagenic properties.

**Carcinogenicity**

**Carcinogenicity** There is no evidence that the product can cause cancer.

**Reproductive toxicity**

**Reproductive toxicity -** - NOAEC 1.33 , , Rat Conclusive data but not sufficient for classification.  
**fertility**

**Specific target organ toxicity - single exposure**

**STOT - single exposure** LOAEL 2000 mg/kg, Oral, Rat

**Target organs** Eyes

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** NOAEC 0.13 mg/l/6hr/day, Inhalation, Rat

**Target organs** Heart and cardiovascular system Brain Liver Eyes

**Inhalation** Toxic by inhalation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication.

**Ingestion** Toxic: danger of very serious irreversible effects if swallowed. Swallowing concentrated chemical may cause severe internal injury. May cause nausea, headache, dizziness and intoxication. May cause unconsciousness, blindness and possibly death.

**Skin contact** Toxic: danger of serious damage to health by prolonged exposure in contact with skin. Repeated exposure may cause skin dryness or cracking.

**Eye contact** Severe irritation, burning and tearing. A single exposure may cause the following adverse effects: Corneal damage.

**Route of exposure** Inhalation Ingestion. Skin and/or eye contact

**(Aerosol) Jelsol**

**Target organs** Central nervous system Eyes Gastro-intestinal tract Skin

**SECTION 12: Ecological information**

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.**XYLENE**

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

**PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

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

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

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

**METHANOL**

**Ecotoxicity** Not regarded as dangerous for the environment.

**12.1. Toxicity**

**Toxicity** Based on available data the classification criteria are not met.

**Acute aquatic 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.

Ecological information on ingredients.**XYLENE****Acute aquatic toxicity**

**Acute toxicity - fish** LC50, 96 hours: 4.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 2.93 mg/l, Daphnia magna

**Chronic aquatic toxicity**

**Chronic toxicity - fish early life stage** NOEC, : 3.3 mg/l, Menidia peninsulae (Tidewater silverside)

**Chronic toxicity - aquatic invertebrates** NOEC, : 6.8 mg/l, Daphnia magna

**(Aerosol) Jelsol****PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS****Acute aquatic 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.**METHANOL****Acute aquatic toxicity****Acute toxicity - fish** LC50, 48 hours: > 10000 mg/l, Leuciscus idus (Golden orfe)**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 1000 mg/l, Daphnia magna**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 22000 mg/l, Selenastrum capricornutum**12.2. Persistence and degradability****Persistence and degradability** The product is more than 80% biodegradable. Volatile substances are degraded in the atmosphere within a few days. The product contains inorganic substances which are not biodegradable.**Ecological information on ingredients.****XYLENE****Persistence and degradability** Volatile substances are degraded in the atmosphere within a few days.**PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS****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.**METHANOL****Persistence and degradability** The product is readily biodegradable.**Biodegradation** Degradation (%)  
- 82.7: 5 days**12.3. Bioaccumulative potential****Bioaccumulative potential** No data available on bioaccumulation.

**(Aerosol) Jelsol**

**Partition coefficient** log Pow: 2.3 - 2.8

Ecological information on ingredients.XYLENE

**Bioaccumulative potential** The product contains potentially bioaccumulating substances.

**Partition coefficient** log Pow: ~ 3.12

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

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

**Partition coefficient** log Pow: ~ 2.3 - 2.8

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

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

METHANOL

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

**Partition coefficient** : ~ 0.77

12.4. Mobility in soil

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

Ecological information on ingredients.XYLENE

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

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**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.

METHANOL

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

**Adsorption/desorption coefficient** Not available.

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.

**(Aerosol) Jelsol****Ecological information on ingredients.****XYLENE**

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

**PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

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

**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.

**METHANOL**

**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** None known.

**Ecological information on ingredients.****PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

**Other adverse effects** None known.

**METHANOL**

**Other adverse effects** The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

**SECTION 14: Transport information**

**(Aerosol) Jelsol****14.1. UN number**

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

**14.2. UN proper shipping name**

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

**14.3. Transport hazard class(es)**

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

**Transport labels****14.4. Packing group**

ADR/RID packing group	None
IMDG packing group	None
ICAO packing group	None
ADN packing group	None

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant  
No.

**14.6. Special precautions for user**

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

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

**(Aerosol) Jelsol****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Health and Safety at Work etc. Act 1974 (as amended).  
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
 EH40/2005 Workplace exposure limits.  
 The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

**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).  
 Commission Regulation (EU) No 2015/830 of 28 May 2015.  
 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).  
 Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**Inventories****EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

**SECTION 16: Other information****Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
 IATA: International Air Transport Association.  
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
 IMDG: International Maritime Dangerous Goods.  
 CAS: Chemical Abstracts Service.  
 ATE: Acute Toxicity Estimate.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 EC<sub>50</sub>: 50% of maximal Effective Concentration.  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 vPvB: Very Persistent and Very Bioaccumulative.

**Classification abbreviations and acronyms**

Aerosol = Aerosol  
 Acute Tox. = Acute toxicity  
 Skin Irrit. = Skin irritation

**General information**

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

**Classification procedures according to Regulation (EC) 1272/2008**

Acute Tox. 4 - H312: Acute Tox. 4 - H332: Skin Irrit. 2 - H315: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.

## (Aerosol) Jelsol

<b>Training advice</b>	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
<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
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<b>SDS number</b>	10459
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H315 Causes skin irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H370 Causes damage to organs .

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