



## SAFETY DATA SHEET

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Issued: 30/03/2015; Revision No.1  
Regulation (EC) No. 453/2010

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product Identifier

Material name : One Shot

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

Product use : Carburettor Cleaner.

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

Manufacturer/Supplier: Kart Care Ltd.,  
Unit G Sheriff House  
Nantwich Road  
Middlewich  
Cheshire  
CW10 0LH

Tel. : 01606 836897

Fax. : 01606 212810

Email (for SDSs) : office@kartcare.com

#### 1.4 Emergency tel. no.: 01606 836897 (Office hours)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Extremely Flammable Aerosol Category 1; H222  
Acute Tox.4; H312+H332  
Skin Irritation Category 2; H315  
Eye Irritation Category 2; H319  
STOT SE Category 3; H336

#### 2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Danger

Contains: Xylene, Acetone



Pictogram(s):

H-Statements:	H222	Extremely flammable aerosol.
	H229	Pressurised container: May burst if heated.
	H312+H332	Harmful in contact with skin or if inhaled.
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.

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P-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.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C.
	P261	Avoid breathing vapour/spray.
	P280	Wear protective gloves/eye/face protection.
	P271	Use only outdoors or in a well-ventilated area.
	P302+P352	IF ON SKIN: Wash with soap and water.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
	P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P314	Get medical advice/attention if you feel unwell.
	P501	Dispose of in accordance with local/national regulations.
Supplementary label information:	EUH066	Repeated exposure may cause skin dryness or cracking.

## 2.3 Other hazards

In use, may form flammable / explosive vapour-air mixture.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (1272/2008/EC)	Content
XYLENE	1330-20-7 215-535-7 01-2119488216-32- xxxx	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Acute Tox.4 H312 Acute Tox.4 H332	60-80%
ACETONE	67-64-1 200-662-2 01-2119471330-49- xxxx	Flam.Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H336, EUH066	10-30%
LIQUEFIED PETROLEUM GAS (contains <0.1% 1,3-butadiene)	68476-85-7 270-704-2 -	Flam.Gas 1; H220 Gas under pressure; H280	10-30%

See Section 16 for the full text of the H-statements noted above.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash with soap and water. Seek medical advice if irritation develops.

**Eye contact:** Rinse with water for 10 minutes and seek medical advice if irritation persists.

**Ingestion:** Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation:** Remove to fresh air. Seek medical advice.

**4. FIRST AID MEASURES (CONTINUED)**

**4.2 Most important symptoms and effects, both acute and delayed:** May cause irritation to skin and eyes with prolonged contact.

**4.3 Indication of any immediate medical attention and special treatment needed:** See skin and eye contact information above.

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

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

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

**5.3 Advice for fire-fighters:**

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool containers.  
Do not allow fire run-off to enter drains.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

**6.2 Environmental precautions**

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

**6.3 Methods and materials for containment and cleaning up**

Wipe up liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

**6.4 References to other sections**

See sections 8 and 13 for personal protection and disposal information.

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

Do not breathe spray mist. Avoid contact with skin and eyes. Handle with care.

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

Store in a cool, well ventilated area, below 50°C. Protect from frost, heat and sunlight. Keep away from food, drink and animal feed.

**7.3 Specific end use(s):** No information available.

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

Chemical name	8hr TWA	15min STEL	Comment	Reference
Xylene	220 mg/m <sup>3</sup> /50 ppm	441 mg/m <sup>3</sup> /100 ppm	(Sk)	EH40/2005
Acetone	1210 mg/m <sup>3</sup> /500 ppm	3620 mg/m <sup>3</sup> /1500ppm		EH40/2005
Liquefied petroleum gas	1750 mg/m <sup>3</sup> /1000ppm	2810 mg/m <sup>3</sup> /1250 ppm		EH40/2005

**8.2 Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Personal protective equipment**

**Respiratory protection:** Unlikely to be necessary in normal circumstances; if vapour levels are high, wear a respirator conforming to EN 140 with type A filter or better.

**Hand protection:** Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time  $\geq$  480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice. (Sk) noted above means can be absorbed through skin.

**Eye protection:** Chemical splash goggles if eye contact is reasonably probable. The selected goggles or glasses must satisfy the European standard EN 166.

**Skin and body protection:** Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. The selected protective clothing has to satisfy the standard EN 13034, which describes clothing offering limited 8 hour protection against splashes. Use PPE that is chemically resistant to the product and prevents skin contact.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

**Environmental exposure controls:** Do not discharge into drains or rivers.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

State and colour	Aerosol emitting colourless spray.
Odour	Characteristic
Odour Threshold	No data available
Flammability	Extremely flammable
Flash point	<0°C
Lower explosion limit	0.8%
Upper explosion limit	13.0%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	>230°C
Oxidising properties	Non-oxidising
Solubility in water	Partially soluble
Solubility in other solvents	Soluble in most organic solvents.
pH	Not applicable
Melting point/range	No data available
Boiling point/range	No data available
Relative density	0.8 g/cm <sup>3</sup> @ 20°C (of liquid material)
Vapour pressure	No data available

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## 9.1 Information on basic physical and chemical properties

Vapour density	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity (kinematic)	Non-viscous (liquid material)
Evaporation rate	No data available

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	None known.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Xylene	5251 mg/kg (Mouse)	5000 ppm (Rat) 4h	>1700 mg/kg (Rabbit)
Acetone	5800 mg/kg (Rat)	>50100 mg/m <sup>3</sup> (Rat)	7426 mg/kg (Guinea pig)
Liquefied petroleum gas	Not applicable	>20mg/l (Rat) 4h	Not applicable

**Skin corrosion/irritation:** Xylene can cause skin irritation. Harmful in contact with skin. May dry the skin leading to discomfort and dermatitis.

**Serious eye damage/eye irritation:** Xylene can cause serious eye irritation.

**Respiratory or skin sensitisation:** Not classed as a respiratory or skin sensitizer.

**Repeated dose toxicity:** No data available.

**Carcinogenicity:** Not carcinogenic.

**Mutagenicity:** No known significant effects.

**Toxicity for reproduction:** No data available.

**Specific target organ toxicity (STOT):** No data available.

**Further information:** The product as a whole may cause irritation of skin, eyes, nose and upper respiratory tract if exposed to high levels of spray mist.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Chemical name	Species	Test	Value
Xylene	Daphnia	EC50 24h	3.82 mg/l
	Rainbow trout	LC50 96h	2.6 mg/l
	Algae	EC50 24h	4.63 mg/l
Acetone	Daphnia	EL0 48h	1000 mg/l
	Rainbow trout	LL0 96h	1000 mg/l
	Algae	EL0 72h	1000 mg/l

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## 12.1 Toxicity (continued)

## 12.2 Persistence and degradability

Liquefied petroleum gas is expected to be readily biodegradable. Oxidises rapidly by photochemical reactions in air.

## 12.3 Bioaccumulative potential

Not expected to bioaccumulate significantly.

## 12.4 Mobility in soil

The liquid content is insoluble in water and will float on the surface.

## 12.5 Results of PBT and vPvB assessment

Contains no PBT or vPvB substances.

## 12.6 Other adverse effects

None expected.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations.

Contact licensed waste disposal company. Most aerosols can be recycled.

Do not pierce or burn or use a cutting torch on the empty aerosol container.

## 14. TRANSPORT INFORMATION

General Information: The UN number for all aerosols is 1950. Aerosols packed in fibreboard cartons up to 30 kg gross weight, or shrink/stretch wrapped onto trays up to 20 kg gross weight may be transported as Limited Quantities, and should display the following symbol on the pack:



The following information relates to all other aerosols not transported as Limited Quantities:

**14.1 UN number** ADR/RID/ADN; IMDG; ICAO 1950

**14.2 UN proper shipping name** AEROSOLS

**14.3 Transport hazard class(es)** ADR/RID/ADN Class 2, 5F

ADR/RID/ADN Class Class 2, Gases

ADR Label No. 2.1

IMDG Class 2

ICAO Class/Division 2

ICAO Subsidiary risk 2.1



Transport labels

**14.4 Packing Group** ADR/RID/ADN; IMDG; ICAO Not applicable for aerosols

**14.5 Environment hazards** Marine Pollutant Not applicable for aerosols.

**14.6 Special precautions for user** EMS F-D,S-U

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

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****UK Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

**EU Directives**

Regulations (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.

**Statutory Instruments**

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**Guidance Notes**

Health and Safety Executive Workplace Exposure Limits EH40.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been performed on this product.

**16. OTHER INFORMATION****Full text of H-statements referred to under sections 2 and 3**

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.
H312	Harmful in contact with skin.
H312+H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Abbreviations and acronyms**

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

STOT: Single Target Organ Toxicity (Section 2;3;11).

RE: Repeated exposure (section 2;3)

SE: Single exposure (Section 2;3)

TWA: Time-weighted average. (Section 8).

STEL: Short-term exposure limit. (Section 8).

PBT: Persistent, Bioaccumulative, Toxic. (Section 12).

vPvB: very Persistent and very Bioaccumulative. (Section 12).

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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