

# SAFETY DATA SHEET

## Carburettor Cleaner

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

#### 1.1. Product identifier

Product name Carburettor Cleaner

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

Identified uses Car maintenance product.

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

Supplier Silverhook Ltd  
Bates Road  
Harold Wood  
London  
RM3 0JH  
T:+44(0)1708330500  
F:+44(0)1708330504  
333@silverhook.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44(0)1708330500 during office hours

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Aerosol 1 - H222, H229

##### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373

##### Environmental hazards

Not Classified

##### Classification (67/548/EEC or 1999/45/EC)

Xn;R20/21. Carc. Cat. 3;R40. F+;R12.

##### Human health

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

##### Environmental

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

##### Physicochemical

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

#### 2.2. Label elements

##### Pictogram



Signal word Danger

##### Hazard statements

**Carburettor Cleaner**

- H222 Extremely flammable aerosol.
- H229 Pressurised container: may burst if heated
- H351 Suspected of causing cancer.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.

**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.
- P260 Do not breathe vapour/spray.
- P271 Use only outdoors or in a well-ventilated area.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P102 Keep out of reach of children.
- P501 Dispose of contents/container in accordance with local regulations.
- P280 Wear protective clothing and gloves.

**Contains**

DICHLOROMETHANE, XYLENE

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>DICHLOROMETHANE</b>	<b>30-60%</b>
CAS number: 75-09-2    EC number: 200-838-9    REACH registration number: 01-2119480404-41	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373	<b>Classification (67/548/EEC or 1999/45/EC)</b> Carc. Cat. 3;R40
<b>PROPANE</b>	<b>10-30%</b>
CAS number: 74-98-6    EC number: 200-827-9    REACH registration number: Exempt under REACH	
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas	<b>Classification (67/548/EEC or 1999/45/EC)</b> F+;R12
<b>BUTANE</b>	<b>10-30%</b>
CAS number: 106-97-8    EC number: 203-448-7    REACH registration number: Exempt under REACH	
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas	<b>Classification (67/548/EEC or 1999/45/EC)</b> F+;R12

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<b>XYLENE</b>		<b>10-30%</b>
CAS number: 1330-20-7 EC number: 215-535-7 REACH registration number: 01-2119488216-32		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 3 - H226	R10 Xn;R20/21 Xi;R38	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
<b>ISOBUTANE</b>		<b>5-10%</b>
CAS number: 75-28-5 EC number: 200-857-2 REACH registration number: Exempt under REACH		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Gas 1 - H220	F+;R12	
Press. Gas		
<b>ETHANOL</b>		<b>1-5%</b>
CAS number: 64-17-5 EC number: 200-578-6 REACH registration number: 01-2119457610-43		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11	
Eye Irrit. 2 - H319		
<b>METHANOL</b>		<b>&lt;1%</b>
CAS number: 67-56-1 EC number: 200-659-6 REACH registration number: 01-2119433307-44		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11 T;R23/24/25,R39/23/24/25	
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
STOT SE 1 - H370		

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**

**General information**

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Inhalation**

Move affected person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion**

Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. 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.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to

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rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

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

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## **SECTION 5: Firefighting measures**

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### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Use fire-extinguishing media suitable for the surrounding fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

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

#### **Specific hazards**

Decomposes on contact with flames and hot surfaces to produce hydrofluoric acid and fluorophosgene. Extremely flammable.

#### **Hazardous combustion products**

When heated, vapours/gases hazardous to health may be formed.

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

#### **Protective actions during firefighting**

Warn firefighters that aerosols are involved.

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## **SECTION 6: Accidental release measures**

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

### **6.2. Environmental precautions**

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

#### **Methods for cleaning up**

Avoid contact with skin or inhalation of spillage, dust or vapour. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

### **6.4. Reference to other sections**

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## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

#### **Usage precautions**

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray near a naked flame or any incandescent material. Avoid contact with skin and eyes.

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

#### **Storage precautions**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 degrees Centigrade. Do not pierce or burn, even after use. Store in a cool and well-ventilated place.

### **7.3. Specific end use(s)**

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## **SECTION 8: Exposure Controls/personal protection**

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### **8.1. Control parameters**

#### **Occupational exposure limits**

## Carburettor Cleaner

### DICHLOROMETHANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m<sup>3</sup>(Sk)

### PROPANE

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

Short-term exposure limit (15-minute): SUP ppm

### BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm

Short-term exposure limit (15-minute): WEL 750 ppm

### XYLENE

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

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

### ISOBUTANE

Long-term exposure limit (8-hour TWA): WEL 800 ppm

Short-term exposure limit (15-minute): WEL No std.

### ETHANOL

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

### METHANOL

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

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

WEL = Workplace Exposure Limit

### Ingredient comments

WEL = Workplace Exposure Limits

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### ETHANOL (CAS: 64-17-5)

#### Ingredient comments

WEL = Workplace Exposure Limits

**DNEL** Industry - Inhalation; Short term : 1900 mg/m3  
 Industry - Dermal; Long term : 343 mg/kg/day  
 Industry - Inhalation; Long term : 950 mg/m3  
 Consumer - Inhalation; Short term : 950 mg/m3  
 Consumer - Dermal; Long term : 206 mg/kg/day  
 Consumer - Inhalation; Long term : 114 mg/m3  
 Consumer - Oral; Long term : 87 mg/kg/day

**PNEC** - Fresh water; 0.96 mg/l  
 - Marine water; 0.79 mg/l  
 - Sediment; 3.6 mg/kg  
 - Soil; 0.62 mg/kg  
 - STP; 580 mg/l

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

**DNEL** Industry - Dermal; Short term systemic effects: 40 mg/kg/day  
 Industry - Inhalation; Short term systemic effects: 260 mg/m3  
 Industry - Inhalation; Short term local effects: 260 mg/m3  
 Industry - Dermal; Long term systemic effects: 40 mg/kg/day  
 Industry - Inhalation; Long term systemic effects: 260 mg/m3  
 Consumer - Inhalation; Long term local effects: 50 mg/m3  
 Consumer - Dermal; Short term systemic effects: 8 mg/kg/day  
 Consumer - Inhalation; Short term systemic effects: 50 mg/m3  
 Consumer - Oral; Short term systemic effects: 8 mg/kg/day

**PNEC** - Fresh water; 154 mg/l  
 - Marine water; 15.4  
 - Sediment; 570.4 mg/kg  
 - Soil; 23.5 mg/kg  
 - STP; 100 mg/l  
 - Intermittent release; 1540 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

### Personal protection

When using do not smoke.

### 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

Due to the packaging form, aerosol, risk of skin contact is small. 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.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

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### Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Do not smoke in work area. Use appropriate hand lotion to prevent defatting and cracking of skin.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Aerosol.

#### Colour

Colourless.

#### Odour

Chlorinated hydrocarbons.

#### Flash point

<-40°C

### 9.2. Other information

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Other health effects

IARC Int. Agency for Cancer Research. Consolidated carcinogen list. Carcinogen Category 3.

#### Acute toxicity - oral

##### ATE oral (mg/kg)

83,333.33333333

#### Acute toxicity - dermal

##### ATE dermal (mg/kg)

7617.72853186

#### Acute toxicity - inhalation

##### ATE inhalation (gases ppm)

35714.28571429

### General information

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal. Contains suspected human carcinogen

#### Inhalation

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In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death. Gas or vapour is harmful on prolonged exposure or in high concentrations.

### Ingestion

Swallowing concentrated chemical may cause severe internal injury. May cause liver and/or renal damage.

### Skin contact

May be absorbed through the skin. Prolonged or repeated exposure may cause severe irritation.

### Eye contact

Vapour or spray in the eyes may cause irritation and smarting.

### Acute and chronic health hazards

Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

### Route of entry

Inhalation Skin absorption Ingestion. Skin and/or eye contact

### Target organs

Central nervous system Respiratory system, lungs Liver Eyes Heart & cardiovascular system Kidneys Skin

### Medical symptoms

Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation. Severe irritation, burning and tearing.

### Medical considerations

Skin disorders and allergies. Liver and/or kidney damage. Convulsions. Central nervous system depression.

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## SECTION 12: Ecological Information

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### Ecotoxicity

ENVIRONMENTAL HAZARDS: This product has not been tested but contains ingredients which are harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

##### Persistence and degradability

The product is slowly degradable.

#### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

#### General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.

#### Disposal methods

Empty containers must not be punctured or incinerated because of the risk of an explosion.

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## SECTION 14: Transport information

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### Carburettor Cleaner

**General**

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

**14.1. UN number**

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	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 subsidiary risk	6.1
ADR/RID label	2.1 & 6.1
IMDG class	2.1
IMDG subsidiary risk	6.1
ICAO class/division	2.1
ICAO subsidiary risk	6.1

**Transport labels**



**14.4. Packing group**

Not applicable.

**ADR/RID packing group**

**IMDG packing group**

**ICAO packing group**

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

**EmS** F-D, S-U

**Emergency Action Code**

**Hazard Identification Number (ADR/RID)**

**Tunnel restriction code** (D)

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

**SECTION 15: Regulatory information**

## Carburettor Cleaner

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

#### National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

#### EU legislation

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).

#### Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

**Revision date** 03/09/2014

**Revision** 1

**SDS number** 12321

**SDS status** Approved.

#### Risk phrases in full

R10 Flammable.

The product is highly flammable.

R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R38 Irritating to skin.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R40 Limited evidence of a carcinogenic effect.

#### Hazard statements in full

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst 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.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H370 Causes damage to organs .

H373 May cause damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

## Carburettor Cleaner

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.