

CARBURETTOR CLEANER

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product identifier

Product Name: Quantum Carburettor Cleaner.

Product Number: ZGB00QCAC500

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: Quantum, a registered trade mark of Volkswagen Group United Kingdom Limited, Yeomans Drive, Blakelands, Milton Keynes MK14 5AN

Emergency Telephone Number: +44 (0)1793 512 712

2. Hazards Identification

2.1. Classification of the substance or mixture

Classification (1999/45/EEC): Xn;R20/21. Xi;R36/38. F+;R12. R52/53.

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.

Environment: This product contains substances which are very toxic or toxic to aquatic organisms and may cause long term effects to the aquatic environment (see sections 2 and 12).

Physical and Chemical Hazards: Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

CARBURETTOR CLEANER

2. Hazards Identification continued

2.2. Label elements

Contains: Xylene.

Labelling: See symbols opposite.

Risk Phrases

R12: Extremely flammable.

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

R36/38: Irritating to eyes and skin.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

A1: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use.

A2: Do not spray on a naked flame or any incandescent material.

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray.



HARMFUL



**EXTREMELY
FLAMMABLE**

CARBURETTOR CLEANER

3. Composition/Information on Ingredients

3.2 Mixtures

ACETONE: 10-30%

CAS-Number: 67-64-1

Classification (EC 1272/2008)

Flam. Liq. 2 - H225

EUH066

Eye Irrit. 2 - H319

STOT SE 3 - H336

EC-Number: 200-662-2

Classification (67/548/EEC)

F;R11

Xi;R36

R66

R67

BUTANE: 10-30%

CAS-Number: 106-97-8

Classification (EC 1272/2008)

Flam. Gas 1 - H220

EC-Number: 203-448-7

Classification (67/548/EEC)

F+;R12

ISOBUTANE: 5-10%

CAS-Number: 75-28-5

Classification (EC 1272/2008)

Flam. Gas 1 - H220

EC-Number: 200-857-2

Classification (67/548/EEC)

F+;R12

NAPHTHA (petroleum) hydrodesulfurized light dearomatized: 10-30%

CAS-Number: 92045-53-9

Classification (EC 1272/2008)

Flam. Liq. 2 - H225

Skin Irrit. 2 - H315

STOT SE 3 - H336

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

EC-Number: 295-434-2

Classification (67/548/EEC)

Xn;R65.

Xi;R38.

F;R11.

N;R51/53.

R67.

NAPHTHA (petroleum) hydrotreated light: 5-10%

CAS-Number: 64742-49-0

Classification (EC 1272/2008)

Flam. Liq. 2 - H225

Skin Irrit. 2 - H315

STOT SE 3 - H336

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

EC-Number: 265-151-9

Classification (67/548/EEC)

Xn;R65.

Xi;R38.

F;R11.

N;R51/53.

R67.

PROPANE: 10-30%

CAS-Number: 74-98-6

Classification (EC 1272/2008)

Flam. Gas 1 - H220

EC-Number: 200-827-9

Classification (67/548/EEC)

F+;R12

XYLENE: 10-30%

CAS-Number: 1330-20-7

Classification (EC 1272/2008)

Flam. Liq. 3 - H226

Acute Tox. 4 - H312

Acute Tox. 4 - H332

Skin Irrit. 2 - H315

EC-Number: 215-535-7

Classification (67/548/EEC)

R10

Xn;R20/21

Xi;R38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

CARBURETTOR CLEANER

4. First Aid Measures

4.1. Description of first aid measures

General information: Move the exposed person to fresh air at once.

Inhalation: In case of inhalation of spray mist: Move person into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

5. Firefighting Measures

5.1 Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2 Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards: Extremely flammable. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back. Aerosol cans may explode in a fire.

Specific hazards: Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3 Advice for firefighters

Special Fire Fighting Procedures: Water spray should be used to cool containers. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and aerosol spray.

6.2 Environmental precautions: Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

6.3 Methods and material for containment and cleaning up: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Let evaporate. Keep out of confined spaces because of explosion risk.

6.4 Reference to other sections

CARBURETTOR CLEANER

7. Handling and Storage

7.1 Precautions for safe handling: 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.

7.2 Conditions for safe storage, including any incompatibilities: Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

7.3 Specific end use(s)

8. Exposure Controls/Personal Protection

8.1 Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Acetone	WEL	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³	
Butane	WEL	600 ppm		750 ppm		
Isobutane	WEL	800 ppm		No std.		
Naphtha (petroleum) hydrodesulfurized light dearomatized	WEL	315 ppm	1200 mg/m ³			
Naphtha (petroleum) hydrotreated light	WEL	315 ppm	1200 mg/m ³			
Xylene	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/ m ³ (Sk)	

WEL = Workplace Exposure Limit.

Ingredient Comments: container WEL = Workplace Exposure Limits

8.2 Exposure controls

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray.

Respiratory equipment: In case of inadequate ventilation use suitable respirator.

Hand protection: Due to the packaging form, aerosol, risk of skin contact is small. Use suitable protective gloves if risk of skin contact. Gloves of nitrile rubber, PVA or Viton are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures: Wash hands after handling. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.

Personal protection: When using do not smoke.

CARBURETTOR CLEANER

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Aerosol.
Odour:	Organic solvents.
Flash point (°C):	<-40 °C
Auto Ignition Temperature (°C):	410-580
Flammability Limit - Lower(%):	1.8
Flammability Limit - Upper(%):	9.5
Comments:	Information given concerns the major ingredient.

9.2 Other information

10. Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability: Avoid Heat, sparks, flames.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5 Incompatible materials

10.6 Hazardous decomposition products: In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

11. Toxicological Information

11.1. Information on toxicological effects

General information: Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Inhalation: In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Skin contact: Harmful in contact with skin.

Eye contact: Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings: Arrhythmia, (deviation from normal heart beat). Irritating to skin. Irritating to eyes. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of entry: Inhalation.

Target Organs: Central nervous system Respiratory system, lungs.

Medical Symptoms: Skin irritation. Arrhythmia, (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Irritation of eyes.

CARBURETTOR CLEANER

12. Ecological Information

Ecotoxicity: This product has not been tested but contains ingredients which are toxic or very toxic 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

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

13. Disposal Considerations

General information: Do not puncture or incinerate even when empty.

13.1 Waste treatment methods: Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Empty containers must not be burned because of explosion hazard.

14. Transport Information

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/ADN): 1950

UN No. (IMDG): 1950

UN No. (ICAO): 1950

14.2. UN proper shipping name

Proper Shipping Name: AEROSOLS

14.3. Transport hazard class(es)

ADR/RID/ADN Class: 2, 5F

ADR/RID/ADN Class: Class 2.1: Flammable gases.

ADR Label No.: 3

IMDG Class: 2.1

ICAO Class/Division: 2.1

Transport Labels



CARBURETTOR CLEANER

14. Transport Information continued

14.4. Packing group

ADR/RID/ADN Packing group: Not Applicable

IMDG Packing group: Not Applicable

ICAO Packing group: Not Applicable

14.5. Environmental hazards

14.6. Special precautions for user

EMS: 2-13

Hazard No. (ADR): 23 Flammable gas.

Tunnel Restriction Code: (D)

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

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 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999.

Approved Code Of Practice: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999.

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation: Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment

CARBURETTOR CLEANER

16. Other Information

SDS No.: 12731

Safety Data Sheet Status: Approved.

Date 2: 8.02.2013

Risk Phrases In Full

R12: Extremely flammable.

R10: Flammable.

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

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R11: Highly flammable

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R38: Irritating to skin.

R66: Repeated exposure may cause skin dryness or cracking.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H222: Extremely flammable aerosol.

H220: Extremely flammable gas.

H226: Flammable liquid and vapour.

H332: Harmful if inhaled.

H312: Harmful in contact with skin.

H412: Harmful to aquatic life with long lasting effects.

H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

H411: Toxic to aquatic life with long lasting effects.

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.