



SAFETY DATA SHEET
ZGB-QMS-415- 70 MAINTENANCE SPRAY 400ML (IND)

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

1.1. Product identifier

Product name ZGB-QMS-415- 70 MAINTENANCE SPRAY 400ML (IND)

Product number 003098000004

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

1.3. Details of the supplier of the safety data sheet

Supplier VOLKSWAGEN GROUP UK LTD
 YEOMANS DRIVE
 BLAKELANDS
 MILTON KEYNES
 UK
 MK14 5AN
 01908 601601

1.4. Emergency telephone number

Emergency telephone 0044 (0) 7970 779978

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

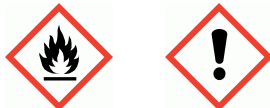
Physical hazards Aerosol 1 - H222, H229

Health hazards STOT SE 3 - H336

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
 H229 Pressurised container: may burst if heated.
 H336 May cause drowsiness or dizziness.

Precautionary statements P102 Keep out of reach of children.
 P261 Avoid breathing vapour/ spray.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves.
 P501 Dispose of contents/ container in accordance with local regulations.

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

ZGB-QMS-415- 70 MAINTENANCE SPRAY 400ML (IND)

Contains	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Supplementary precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p>

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	60-100%
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CAS number: —	EC number: 919-857-5
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Classification

Flam. Liq. 3 - H226
 STOT SE 3 - H336
 Asp. Tox. 1 - H304

BUTANE

5-10%

CAS number: 106-97-8	EC number: 203-448-7
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Classification

Flam. Gas 1 - H220

Sulfonic acids, petroleum, calcium salts

<1%

CAS number: 61789-86-4	EC number: 263-093-9
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Classification

Skin Sens. 1B - H317

Diethyl phthalate

<1%

CAS number: 84-66-2	EC number: 201-550-6
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Classification

Not Classified

Diphenyl ether

<1%

CAS number: 101-84-8	EC number: 202-981-2
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M factor (Acute) = 1

Classification

Eye Irrit. 2 - H319
 Aquatic Acute 1 - H400
 Aquatic Chronic 3 - H412

ZGB-QMS-415- 70 MAINTENANCE SPRAY 400ML (IND)

Turpentine, oil	<1%
CAS number: 8006-64-2	EC number: 232-350-7
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

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****4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters****SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.2. Environmental precautions****6.3. Methods and material for containment and cleaning up****6.4. Reference to other sections****SECTION 7: Handling and storage****7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities****7.3. Specific end use(s)****SECTION 8: Exposure controls/Personal protection****8.1. Control parameters****Occupational exposure limits****BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

Diphenyl ether

Long-term exposure limit (8-hour TWA): WEL 1 ppm 7.1 mg/m³ vapour

Turpentine, oil

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Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m³

WEL = Workplace Exposure Limit

Hydrocarbon waxes (petroleum), oxidized (CAS: 64743-00-6)

DNEL Workers - Inhalation; Long term systemic effects: 0.23 mg/m³
 Workers - Dermal; Long term systemic effects: 1.7 mg/kg/day
 General population - Inhalation; Long term systemic effects: 0.06 mg/m³
 General population - Dermal; Long term systemic effects: 0.8 mg/kg/day
 General population - Oral; Long term systemic effects: 0.8 mg/kg/day

PNEC - Fresh water; 0.1 mg/l
 - marine water; 0.01 mg/l
 - Intermittent release; 1 mg/l
 - STP; 100 mg/l
 - Sediment (Freshwater); 4270 mg/kg
 - Sediment (Marinewater); 427 mg/kg

Geraniol (CAS: 106-24-1)

DNEL Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
 Workers - Dermal; Long term systemic effects: 12.5 mg/kg/day
 Workers - Dermal; Long term local effects: 11.8 mg/cm²
 General population - Inhalation; Long term systemic effects: 47.8 mg/m³
 General population - Dermal; Long term systemic effects: 7.5 mg/kg/day
 General population - Dermal; Long term local effects: 11.8 mg/cm²
 General population - Oral; Long term systemic effects: 13.75 mg/kg/day

PNEC - Fresh water; 0.011 mg/l
 - marine water; 0.001 mg/l
 - Intermittent release; 0.108 mg/l
 - STP; 0.7 mg/l
 - Sediment (Freshwater); 0.115 mg/kg
 - Sediment (Marinewater); 0.011 mg/kg
 - Soil; 0.017 mg/kg

Citronellol (CAS: 106-22-9)

DNEL Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
 Workers - Inhalation; Long term local effects: 10 mg/m³
 Workers - Inhalation; Short term local effects: 10 mg/m³
 Workers - Dermal; Long term systemic effects: 327.4 mg/kg/day
 Workers - Dermal; Short term local effects: 2.95 mg/cm²
 General population - Inhalation; Long term systemic effects: 47.8 mg/m³
 General population - Inhalation; Long term local effects: 10 mg/m³
 General population - Inhalation; Short term local effects: 10 mg/m³
 General population - Dermal; Long term systemic effects: 196.4 mg/kg/day
 General population - Dermal; Short term local effects: 2.95 mg/cm²
 General population - Oral; Long term systemic effects: 13.8 mg/kg/day

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PNEC	<ul style="list-style-type: none"> - Fresh water; 0.002 mg/l - Intermittent release, Fresh water; 0.024 mg/l - marine water; 0 mg/l - STP; 580 mg/l - Sediment (Freshwater); 0.026 mg/kg - Sediment (Marinewater); 0.003 mg/kg - Soil; 0.004 mg/kg
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Geranyl acetate (CAS: 105-87-3)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 62.59 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 35.5 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 15.4 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 17.75 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 8.9 mg/kg/day</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 3.72 µg/l - marine water; 0.372 µg/l - STP; 8 mg/l - Sediment (Freshwater); 0.442 mg/kg - Sediment (Marinewater); 0.044 mg/kg - Soil; 0.086 mg/kg

8.2. Exposure controls**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability****10.3. Possibility of hazardous reactions****10.4. Conditions to avoid****10.5. Incompatible materials****10.6. Hazardous decomposition products****SECTION 11: Toxicological information****11.1. Information on toxicological effects****SECTION 12: Ecological information****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****SECTION 13: Disposal considerations****13.1. Waste treatment methods****SECTION 14: Transport information****14.1. UN number**

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14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	07/06/2019
Revision	1
SDS number	4125
Hazard statements in full	<p>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. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>