

QUANTUM Q-PRO UNIVERSAL MAINTENANCE SPRAY

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

Product Name: Quantum Q-Pro Universal Maintenance Spray.

Supplier: Quantum Lubricants.

Quantum is a registered trade mark of Volkswagen Group United Kingdom Limited. Yeomans Drive, Blakeland, Milton Keynes MK14 5AN.

Emergency Telephone Number: +44 (0) 1305 260555

2. Hazards Identification

Health & Safety: Extremely Flammable. Vapours may cause drowsiness and dizziness.

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

Other Hazards: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

3. Composition/Information on Ingredients

Hazardous Ingredient	Cas-nr	EINECS	w/w %	Symbol	R-phrases*	Notes
(Z)-N-methyl-N-(1-oxo-9-octadecenyl) glycine	110-25-8	203-749-3	0-1	Xi,N	36/38-50/53	
Naptha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	1-5	F,Xn,N	11-38-51/53-65-67	B
Propan-2-ol;isopropyl alcohol; isopropanol	67-63-0	200-661-7	1-5	F,Xi	11-36-67	
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3butadiene<0.1%)	68512-91-4	270-990-9	30-60	F+	12	
Alkanes, C14-17, chloro	85535-85-9	287-477-0	10-30	N	50/53	
Naptha (petroleum), hydrodesulfurised light (benzene<0.1%)	92045-53-9	295-434-2	5-10	F,Xn,N	11-38-51/53-65-67	B
1H-Imidazole-1ethanol, 2-(8-heptadecenyl)-4,5-dihydro-	95-38-5	202-414-9	0-1	C,N	22-34-50/53	

Explanation Notes B: substance with national established workplace exposure limit.

*Explanation Risk-phrases: see page 5.

4. First-Aid Measures

General Advice: The usual precautions for handling chemicals should be observed. If any symptoms should occur, seek medical advice.

Contact with Eyes: If substance has got into eyes, immediately wash out with plenty of water.

Contact with Skin: Wash with water and soap.

Inhalation: Fresh air, keep warm and at rest.

Ingestion: Ingestion is unlikely to occur. If swallowed accidentally, do not induce vomiting and seek medical advice.

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5. Fire-Fighting Measures

Flash Point (without propellant): -26°C.

Explosion Limits:

Upper Limit: 12%.

Lower Limit: 1.1%.

Extinguishing Media: Foam, carbon dioxide or dry agent.

Fire-Fighting Procedures: Keep container(s) exposed to fire cool, by spraying with water.

Unusual Exposure Hazard: Aerosols may explode if heated above 50°C.

6. Accidental Release Measures

Personal Precautions: Shut off all ignition sources. Ensure adequate ventilation.

Environmental Precautions: Do not allow to enter public sewers and watercourses. If polluted water reaches drainage system or water courses, immediately inform appropriate authorities.

Cleaning Methods: Absorb spillage in suitable inert material.

7. Handling and Storage

Handling Procedures:

Use only in well ventilated areas.

Do not pierce or burn aerosols, even after use.

Do not spray on a naked flame or incandescent material.

Do not breathe aerosols or vapours.

Avoid contact with skin and eyes.

When using do not eat, drink or smoke.

Wash thoroughly after use.

Storage Procedures:

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep in a cool, dry, well ventilated place. Keep out of reach of children.

8. Exposure Controls/Personal Protection

Control Procedures: Ensure adequate ventilation. Keep away from heat and sources of ignition.

Personal Protection: It is advisable to take precautions to avoid contact with skin and eyes when handling the product. Use only in well ventilated areas. When using do not eat, drink or smoke.

Wash thoroughly after use.

Inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.

Hands and Skin: Wear suitable protective gloves.

Eyes: Wear safety goggles.

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9. Physical and Chemical Properties

Appearance: Propane/butane propelled liquid.

Physical State: Amber.

Odour: Characteristic odour.

Boiling Point/Range: 63°C.

Relative Density: 0.905 g/cm³ @ 20°C.

pH: Not available.

Vapour Pressure: Not available.

Relative Vapour Density: Not available.

Solubility in Water: Insoluble in water.

Flash Point: -26°C.

Auto Ignition: >200°C.

10. Stability and Reactivity

Conditions to be Avoided: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition. Avoid overheating.
No hazardous reactions known if used for its intended purpose.

Materials to be Avoided: Strong oxidising agent.

Hazardous Decomposition Compounds: Carbon oxides.

11. Toxicological Information

Inhalation: Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.

Ingestion: Ingestion is unlikely to occur. After vomiting of swallowed product aspiration into lungs is likely
Solvents may induce chemical pneumonia.

Skin Contact: Prolonged skin contact will result in defatting of the skin.

Eye Contact: Irritating to eyes.

Other Information: No experimental data available.

12. Ecological Information

Hazardous Ingredient	CAS-nr	Method	
(Z)-N-methyl-N-(1-oxo-9-octadecenyl) glycine	110-25-8	LC50 fish	1-10 mg/l
		EC50 daphnia	0.68 mg/l

Other Adverse Effects: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses. If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities. No experimental data available.

13. Disposal Considerations

National regulations: Disposal should be in accordance with local, state or national legislation.

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14. Transport Information

UN-number: 1950

Road/Rail - ADR/RID: UN1950 Aerosols Class : 2, PG : N/A, Class code : 5F, Label : 2.1.

Sea - IMDG: UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA.

Ems: F-D,S-U.

Air - IATA/ICAO: UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG.

Packing instr. LQ: Y203.

PAX: 203.

CAO: 203.

15. Regulatory Information

Warning Symbol(s): F+,N.

Risk Phrase(s):

R12: Extremely flammable.

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

R67: Vapours may cause drowsiness and dizziness.

Safety-phrase(s):

S2: Keep out of the reach of children.

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

S23: Do not breathe spray.

S51: Use only in well-ventilated areas.

Pressurise Container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

16. Other Information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

***Explanation Risk-phrases:**

R12: Extremely flammable.

R22: Harmful if swallowed.

R34: Causes burns.

R36: Irritating to eyes.

R38: Irritating to skin.

R36/38: Irritating to eyes and skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

Last updated: 09/11/10.