



SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking

Product name Duckhams Q Synthetic Based Petrol
SDS # J544
Product Use Automotive engine crankcase lubricant
For specific application advice see appropriate Technical Data Sheet or consult your Castrol representative.

Supplier Duckhams Oils Limited
Witan Gate House
500-600 Witan Gate
Central Milton Keynes
MK9 1ES
United Kingdom

EMERGENCY TELEPHONE NUMBER **+44 (0) 1908 853000**

2. Composition/information on ingredients

Highly refined mineral oil (IP 346 DMSO extract < 3%) Proprietary performance additives.

Chemical name	CAS no.	%	EINECS / ELINCS.	Classification
Zinc dialkyl dithiophosphates	Not available.	1 - 5		Xi; R36/38

See Section 16 for the full text of the R Phrases declared above

Occupational Exposure Limit(s), if available, are listed in Section 8

3. Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.

Physical/chemical Hazards Not classified as dangerous.
Human health hazards Not classified as dangerous.
Environmental hazards Unlikely to be harmful to aquatic organisms.
Product not classified for environmental effects. Based on data available for this or related materials.

Effects and symptoms

Eyes No significant health hazards identified.
Skin No significant health hazards identified.

USED ENGINE OILS
Used engine oil may contain hazardous components which have the potential to cause skin cancer.
See Toxicological Information, section 11 of this Safety Data Sheet.

Inhalation No significant health hazards identified.
Ingestion No significant health hazards identified.

4. First-aid measures

Eye Contact In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Notes to physician Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire-fighting measures

Extinguishing Media

Suitable In case of fire, use water fog, foam, dry chemical or CO2 extinguisher or spray.

Not Suitable Do not use water jet.

Hazardous decomposition products These products are carbon oxides (CO, CO2).

Unusual fire/explosion Hazards None.

Special fire-fighting procedures None identified.

6. Accidental release measures

Personal Precautions Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

Environmental precautions and cleanup methods If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.

Personal Protection in Case of a Large Spill Splash goggles. Full suit. Boots. Gloves.

7. Handling and storage

Handling Wash thoroughly after handling.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls/personal protection

Occupational Exposure Limits None assigned.

Control Measures Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Personal protective equipment

Respiratory system Use with adequate ventilation.

Skin and body Avoid contact with skin. Wear clothing and footwear that cannot be penetrated by chemicals or o

Hands Wear gloves that cannot be penetrated by chemicals or oil.

Eyes Safety glasses with side shields.

9. Physical and chemical properties

Autoignition temperature >250 °C

Flash point 190 °C (CLOSED CUP)

Pour Point -27 °C

Colour Green.

Odour Slight.

Odour threshold Not available.

Physical state Liquid.

Density <1 g/cm³ at 20 °C

Solubility Insoluble in cold water.

Viscosity kinematic at 40°C: 102 cSt
kinematic: 15 cSt at 100°C

10. Stability and reactivity

Incompatibility with Various Substances	Reactive with oxidizing agents.
Hazardous Polymerization	Will not occur.

11. Toxicological information

Acute toxicity	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. USED ENGINE OILS Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea. At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
Chronic toxicity	
Carcinogenic effects	No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC).

12. Ecological information

Persistence/degradability	Inherently biodegradable
Mobility	Spillages may penetrate the soil causing ground water contamination.
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
Environmental hazards	Unlikely to be harmful to aquatic organisms. Product not classified for environmental effects. Based on data available for this or related materials.
Other Ecological Information	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

13. Disposal considerations

Disposal Consideration / Waste information	Where possible, arrange for product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.
--------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

14. Transport information

Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

15. Regulatory information

Label Requirements	
Risk Phrases	This product is not classified according to the EU regulations.
Restrictions to product use	Classification and labeling have been performed according to EU directives 1999/45/EC and 67/548/EEC as amended and adapted. - Industrial applications.
Other Regulations	
Inventories	AUSTRALIAN INVENTORY (AICS): In compliance CANADA INVENTORY (DSL): In compliance. CHINA INVENTORY (IECS): Not determined. EC INVENTORY (EINECS): In compliance. JAPAN INVENTORY (ENCS): Not listed.

KOREA INVENTORY (ECL): Not listed.

PHILIPPINE INVENTORY (PICCS): Not listed.

US INVENTORY (TSCA): In compliance.

Additional Warning Phrases

Contains (Calcium long chain alkaryl sulphonate). May produce an allergic reaction.

16. Other information

Full text of R-phrases appearing in section 2 R36/38- Irritating to eyes and skin.

HISTORY

Date of issue 15/08/2002.
Date of previous issue 12/07/2002.
Prepared by Product Stewardship Group

Notice to Reader

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside the BP Group of Companies. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid licence. The BP Group shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

Product Name Duckhams Q Synthetic Based Petrol	Product Code J544-UK01	Page: 4/4
Version 1	Date of issue 15 August 2002	Format United Kingdom (UK)
		Language ()