

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

1.1: Product identifier

Product name: Q60 AEROSOL
Chemical name: Organic mixture
Chemical characterization: Organic mixture of polydimethylsiloxanic fluids which repels moisture, waterproofs surfaces lubricates and prevents arcing and spatter
Colour: Clear
Odour: Odourless

1.3. Details of the supplier of the safety data sheet

Company name: Q Oil Europe Ltd,
Unit 2, Crown Point Ind Est Sth,
King Street,
Denton,
Manchester, M34 6HE
United Kingdom

1.4. Emergency telephone number

Emergency tel: +44 (0) 161 484 6505 (Office Hours Only)

Section 2: Composition

The product contains the following materials:

	% Weight
Polydimethylsiloxanic fluid	60
Solvent	5
Propellants	35

Section 3: Hazards Identification

3.1 Fire and explosion

Flash point close cup +/- 300°C
Flammable limits (LE 1) 1.0% Uel 6.0%
(solvent portion)
Extinguishing media CO₂, dry chemical foam

Special fire fighting procedures: see section 5 herein. Unusual fire and explosion flammable.

Section 3: Hazards Identification

3.2 Health/ Routes of entry

Threshold limit value: hydrocarbon solvent lowest TVL(100ppm)

Carcinogenic: The product has been assessed by independent Laboratories as being human category 3

3.3 Symptoms of exposure

Inhalation May cause anaesthesia, headache, dizziness, nausea and upper respiratory irritation

Skin contact: May cause drying of skin and/or irritation

Eye contact: May cause irritation, tears and redness

Ingestion: May cause irritation, nausea, vomiting and diarrhea

DANGER if swallowed can enter lungs and may cause chemical pneumonia. Do not induce vomiting. Obtain medical assistance.

Section 4: First aid measures

SKIN: Wash copiously with soap and water remove contaminated clothing including shoes and launder before re-use. If skin irritation develops seek immediate medical attention

EYES: As soon as possible irrigate thoroughly with water for at least 15 minutes, holding eyelids apart. If in any doubt, or the irritation persists obtain medical attention

INHALATION: Ensure that airways are clear and unobstructed. Keep warm and at rest. If there is any difficulty in breathing or vomiting has occurred obtain medical attention urgently. If breathing stops or shows signs of failing, apply mouth to mouth ventilation.

INGESTION: In the event of deliberate ingestion help must be obtained urgently. Keep at rest. Do not induce vomiting but seek prompt medical attention. Observe patient in case abdominal pain develops, or patient starts to vomit. Try to keep patient conscious and try to make certain that patient does not aspirate vomit into lungs

Section 5: Fire-fighting measures

Keep product in storage (and in use) away from sources of ignition. In the event of fire, remove all unaffected product (if possible) away from immediate vicinity. If necessary cool stocks with water mists. Extinguish burning material with foam, dry powder co² or halons. Do not use water. First aid facilities and treatment as normal for burns.

Section 6: Accidental release measures

6.1 Small scale spillages.

In the unlikely event of spillages from aerosol cans, place cans in bags or open pail until pressure has dissipated. Aerosol cans must not be punctured or incinerated but disposed of in land fill or in accordance with local regulations. Do not wash Q8 contamination into drains and waterways. Instead wipe affected areas with white spirit or turpentine substitute and allow to dry. When dry wash affected areas with soapy water to remove any remnants of Q8. If white spirit cannot be applied, layer with sawdust or absorbent material. Allow to dry and then sweep/shovel into refuse bins and dispose of via public or private waste disposal.

6.2 Large scale spillages:

6.2 Large scale spillages: In the event of large roadside transport spillages resulting from collision or overturned vehicles, vehicles must be kept away from contaminated roads or other surfaces. Affected areas should be covered in layers of sawdust or similarly absorbent material. Do not wash into drains, waterways or soil courses. Later remove absorbent material to waste disposal site. Marine spillages should be dealt with in accordance with pollutant procedures which are relevant to the product classification and IMDG codes.

Section 7: Handling and storage

7.1 Special Handling Information

Ventilation: Must be sufficient to keep solvent vapour less than TLV

Respiratory protection: Advised when concentration of solvent vapour exceeds TLV.

Protective gloves: Advised when skin comes into contact with Q8 regularly or to prevent Possible skin irritation.

Eye protection: Factory or industrial users are advised to wear protection to guard against Potential eye contact i.e. goggles

Other protection equipment: Overalls

7.2 Special storage information.

There is no special storage information relevant to the keeping of Q8. It is obvious that aerosols. Should be kept away from sources of ignition or ambient temperatures above 50°Celsius. Local laws and fire inspectorates may also influence storage policies of commercial organizations. Do not store large quantities of Q8 aerosol in unventilated bunkers or enclosures. Store in dry and cool areas. Keep out of reach of children. Do not spray on naked flame or any incandescent material. No smoking near expelled product.

Section 8: Exposure controls/personal protection

8.1 General

Keep product away from sources of ignition, avoid excessive inhalation of spray particles, do not puncture or store container above 50°Celsius, keep away from children.

Use only in accordance with the instructions printed on the container.

Use only in a well ventilated area.

Do not use near a naked flame or any incandescent material.

Do not smoke whilst using.

Section 8: Exposure controls/personal protection
8.2 Exposure Limits

Exposure Limit (EH40/97)

	8 hour TWA period		10 minute period	
	PPM	mgm-3	PPM	mgm-3
White spirit	100	575	125	720
Mineral oil	-	5	-	-

Section 9: Physical and chemical properties

Boiling point:	68°C FP	-50°C
Vapour density at 200°C P.A .	133	
Solubility in water	Insoluble	
Specific gravity (H2O=1)	0.97 at 25°C	
Volatile Vol. by weight	Not determined	
Appearance	Colourless limpid liquid	
Odour	Odourless	
Dielectric at 25°C	16 KVA	

Section 10: Stability and reactivity

Stability:	Considered stable
Conditions to avoid:	N/A
Incompatibility:	Incompatible with strong oxidizing agents
Hazardous decomposition:	Thermal decomposition may yield carbon monoxide and/or carbon dioxide
Hazardous polymerisation:	Will not occur

Section 11: Toxicological information

Oral toxicity (of liquid):	LD 50>5.0g/kg body weight (rat)
Biodegradability (including solvent):	Ready biodegradable (84% after 28 days)

Section 12: Ecological information

Volatile organic compounds (weight):	72.92 of product contains VOCs
CFCs:	CFC free since 1981
Tins:	Contains 7% recycled steel and in turn are recyclable
Caps:	High density polypropylene which is recyclable
Corrugated:	Recyclable

Section 13: Disposal considerations

Empty aerosol cans should not be punctured or incinerated. Bury in landfill. Oil based products should be disposed of to a licensed waste contractor. Soak up with sawdust. Any disposal route should comply with local bylaws and the requirements of environmental protection legislation. Collect into drums and burn soaked sawdust. Authorities to be informed e.g. atomic energy board and fire department

Section 14: Transport information

By sea: 'Aerosols' Class 2 UNI 1950. Marine Pollutant
Tariff no 3403-19(5) packing code 111 class 2

By road: 'Aerosols' UNI 1950 Class 2 item 5^oF ADR

Section 15: Regulatory information

Chemical (Hazard Information and Packaging Regulation) 1994 No3247 and amendment 1996 No 1092 Council Directive 88/379/EEC of 7 June 1988 relating to the Classification of Packaging and Council Directive 75/324EEC. Relating to Aerosol Dispensers and Amendment 94/IEC: Classified as FLAMMABLE. Keep out of reach of children. Avoid contact with skin and eyes. Do not breathe gas fumes vapour spray. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C Do not pierce or burn containers after use. Do not spray on naked flame or any incandescent material. Keep away from sources of ignition. –No smoking near product

Section 16: Other information

We believe the statements, technical information and recommendations contained herein are reliable. However the data is provided without warranty, expressed or implied, it is the users responsibility both to determine safe conditions for use of this product and assume loss damage or expense, direct or consequential, arising from its use. Before using the product, read information printed on the label. This product is manufactured according to amended Aerosol Directive (75/324/EEC and 94 ec).

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