

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

1.1 Product identifier

Product name: Aquatect Aerosol

Other identification:

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

Penetrating, water displacement and anti-corrosion lubricant aerosol

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aerosol 1 H222;H229

Full text of H-phrases: see section 16

2.2 Label elements

Hazard pictograms: CLP 02 Flammable

(none)

(none)

(none)



Signal word: Danger

Hazard statements: H222 - Extremely flammable aerosol

H229 - Pressurised container: May burst if heated

Precautionary statements: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking

P211 - Do not spray on an open flame or other ignition source

P251 - Do not pierce or burn, even after use

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Other label elements:

2.3 Other hazards

No additional information available

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

(CAS No) 64742-48-9, (EC no) 918-481-9, (EC index no) 649-327-00-6, (REACH-no) 01-2119457273-39

30-60%

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Propane

Substance with national workplace exposure limit(s) (DK, IE)

(CAS No) 74-98-6, (EC no) 200-827-9, (EC index no) 601-003-00-5

15-30%

Flam. Gas 1, H220

Butane

Substance with national workplace exposure limit(s) (DK, GB, IE)
(CAS No) 106-97-8, (EC no) 203-448-7, (EC index no) 601-004-00-0
5-15%
Flam. Gas 1, H220
Press. Gas

Distillates (petroleum), hydrotreated light, Kerosene - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150°C to 290°C (302°F to 554°F).]
(CAS No) 64742-47-8, (EC no) 265-149-8, (EC index no) 649-422-00-2,
1-5%
Asp. Tox. 1, H304

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Get medical advice/attention if you feel unwell.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

Skin: Wash with plenty of soap and water.

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: May cause respiratory irritation.

Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

Skin: Repeated exposure may cause skin dryness or cracking.

Eye: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Explosion risk in case of fire.

5.3 Advice for firefighters

Use water spray or fog for cooling exposed containers.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. Evacuate unnecessary personnel. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4 Reference to other sections

For further information refer to sections 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed: Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling: Do not spray on an open flame or other ignition source.

Hygiene measures: Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Incompatible materials: Direct sunlight. Heat sources. Sources of ignition.

Special rules on packaging: Keep only in original container.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls / personal protection

8.1 Control parameters

Propane (74-98-6)

Denmark: Local name: Propan

Denmark: Grænseværdie (langvarig) (mg/m³): 1800 mg/m³

Denmark: Grænseværdie (langvarig) (ppm): 1000 ppm

Ireland: Local name: Propane

Ireland: OEL (8 hours ref) (ppm): 1000 ppm

Ireland: Notes (IE): Asphx

Butane (106-97-8)

Denmark: Local name: n-Butan

Denmark: Grænseværdie (langvarig) (mg/m³): 1200 mg/m³

Denmark: Grænseværdie (langvarig) (ppm): 500 ppm

Ireland: Local name: Butane

Ireland: OEL (8 hours ref) (ppm): 1000 ppm

United Kingdom: Local name : Butane

United Kingdom: WEL TWA (mg/m³): 1450 mg/m³

United Kingdom: WEL TWA (ppm): 600 ppm

United Kingdom: WEL STEL (mg/m³): 1810 mg/m³

United Kingdom: WEL STEL (ppm): 750 ppm

United Kingdom: Remark (WEL): Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)

8.2 Exposure controls

Materials for protective clothing: Not required for normal conditions of use

Hand protection: In case of repeated or prolonged contact wear gloves

Eye protection: Not required for normal conditions of use

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Physical state	Liquid
Appearance	Aerosol
Colour	Colourless
Odour	Characteristic
Relative density	0.66

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

Pressurised container: May burst if heated.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No additional information available

10.4 Conditions to avoid

Direct sunlight. Heat. Open flame.

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

No additional information available

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Maintenance spray

Vaporizer: Aerosol

Section 12: Ecological information

12.1 Toxicity

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LC50 fishes 1: > 1000 mg/l

EC50 other aquatic organisms 1: > 1000 mg/l EC50 waterflea (48 h)

EC50 other aquatic organisms 2: > 1000 mg/l IC50 alga (72 h) mg/l

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1 Waste treatment methods

Do not pierce or burn, even after use.

Section 14: Transport information

General

14.1 UN Number

UN-No. (ADR/IMDG/IATA): 1950

14.2 UN proper shipping name

Proper Shipping Name (ADR): AEROSOLS

Proper Shipping Name (IMDG): AEROSOLS

Proper Shipping Name (IATA): AEROSOLS, FLAMMABLE

Transport document description (ADR): UN 1950 AEROSOLS, 2.1, (D)

Transport document description (IMDG): UN 1950 AEROSOLS, 2.1

14.3 Transport hazard class(es)

Transport hazard class(es) (ADR/IMDG/IATA): 2.1

Danger labels (ADR/IMDG/IATA): 2.1 (Flammable)

14.4 Packing group

Packing group (ADR/IMDG/IATA): Not applicable

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6 Special precautions for user

- Overland transport

Classification code (ADR): 5F

Special provisions (ADR): 190, 327, 344, 625

Limited quantities (ADR): 1L

Excepted quantities (ADR): E0

Packing instructions (ADR): P207, LP02

Special packing provisions (ADR): PP87, RR6, L2

Mixed packing provisions (ADR): MP9

Transport category (ADR): 2

Special provisions for carriage - Packages (ADR): V14

Special provisions for carriage - Loading, unloading and handling (ADR): CV9, CV12

Special provisions for carriage - Operation (ADR): S2

Tunnel restriction code (ADR): D

- Transport by sea

Special provisions (IMDG): 63, 190, 277, 327, 344, 959

Limited quantities (IMDG): SP277

Excepted quantities (IMDG): E0

Packing instructions (IMDG): P207, LP02

Special packing provisions (IMDG): PP87, L2

EmS-No. (Fire): F-D

EmS-No. (Spillage): S-U

Stowage category (IMDG): None

- Air transport

PCA Excepted quantities (IATA): E0

PCA Limited quantities (IATA): Y203

PCA limited quantity max net quantity (IATA): 30kgG

PCA packing instructions (IATA): 203

PCA max net quantity (IATA): 75kg

CAO packing instructions (IATA): 203

CAO max net quantity (IATA): 150kg

Special provisions (IATA): A145, A167, A802

ERG code (IATA): 10L

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

Not applicable

Section 15: Regulatory information

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

EU-Regulations

Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

National regulations

Germany

VwVwS Annex reference: Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full text of H- and EUH-phrases:

Aerosol 1: Aerosol, Category 1

Asp. Tox. 1: Aspiration hazard, Category 1

Flam. Gas 1: Flammable gases, Category 1

Flam. Liq. 3: Flammable liquids, Category 3

Press. Gas: Gases under pressure

H220: Extremely flammable gas

H222: Extremely flammable aerosol

H226: Flammable liquid and vapour

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.