



## SAFETY DATA SHEET

60% AQUACCEL 10 EMULSION

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Issued: 23/05/02  
Revision No: 2

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** 60% AQUACCEL 10 EMULSION

**Product code:** fAS100/60

**Company name:** Aquaspersions Ltd

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** XANTHOGEN SULPHIDE 50-70%

[Xn] R22; [Sens.] R43; [N] R50/53

- SURFACTANT C 1-10%

[Xn] R22; [Xi] R41; [-] R53

- SURFACTANT B 1-10%

[Xn] R22; [Xi] R38; [Xi] R41

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Harmful if swallowed. Irritating to eyes. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Other hazards:** Active ingredient is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Prolonged or repeated contact may sensitise skin or cause allergic reaction.

**Eye contact:** Repeated or prolonged contact may cause irritation (including surfactant and/or mechanical irritation from the solid particles/active oil)

**Ingestion:** May be harmful by ingestion.

**Inhalation:** It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties. If this dispersion is strongly heated it may release fumes which are irritating to the respiratory tract and may be harmful due to the nature of the active ingredient

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** If a person feels unwell after coming into contact with this dispersion then seek medical advice. Remove contaminated clothing. Wash thoroughly with soap and water.

**Eye contact:** Irrigate with plenty of water. If persistent irritation occurs then seek advice from an ophthalmologist.

**Ingestion:** Do not induce vomiting. Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

[cont...]

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**Inhalation:** Remove patient to fresh air. Treat symptomatically and seek medical advice. In the unlikely event that this substance is inhaled (e.g. aspiration) then treat symptomatically and seek medical advice.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Do not use any other types of extinguisher

**Exposure hazards:** Virtually non-flammable as supplied. Residue may support combustion. Residues will produce oxides of carbon and sulphur on combustion.

**Protection of fire-fighters:** Respiratory Protective Equipment (RPE) must be worn.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

**Environmental precautions:** Prevent contamination of drains/watercourses/vegetation. Advise police.

**Clean-up procedures:** Adsorb onto sand/earth/similar adsorbent material. Shovel up into drums or suitable containers for disposal. Once clear, wash the spillage area clean with water and detergent.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion. Ensure there is sufficient ventilation of the area.

**Storage conditions:** Store in closed containers, well protected from frost. Stir well before use.

**Suitable packaging:** Most packagaing suitable, avoid mild-steel.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Wear suitable respiratory protective equipment to prevent overexposure to mist.

**Hand protection:** Protective gloves made from nitrile rubber or PVC. Water repellent barrier cream

**Eye protection:** Safety goggles. Face-shield. Ensure eye bath is to hand.

**Skin protection:** Wear suitable protective clothing. Water-repellent barrier cream.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Flowable aqueous emulsion

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Evaporation rate:** Not tested

**Solubility in water:** Miscible

**Also soluble in:** No data.

**Viscosity:** 200 - 1200 cps

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %: lower:** No data

**upper:** No data

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**Flash point°C:** No data  
**Part.coeff. n-octanol/water:** No data  
**Autoflammability°C:** No data  
**Vapour pressure:** No data  
**Relative density:** 1.00 - 1.20  
**pH:** 3.00 - 5.00

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions. Protect from frost and temperatures over 100oC.  
**Conditions to avoid:** Extremes of temperature. Protect from frost. Protect from temperatures above 100oC  
**Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.  
**Haz. decomp. products:** Decomposes slowly above 100oC, liberating flammable vapours.

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact Eyes skin, mouth and nose  
**Routes of exposure:** Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Miscible with water.  
**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Other adverse effects:** Potentially very toxic to aquatic organisms and damaging in the long-term to the aquatic environment.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of packaging:** Incinerate residues only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.  
Dangerous for the environment.



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**Risk phrases:** R22: Harmful if swallowed.  
R36: Irritating to eyes.  
R43: May cause sensitisation by skin contact.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S24/25: Avoid contact with skin and eyes.  
S37: Wear suitable gloves.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** For use as an accelerator in the vulcanisation of rubber latex.

**Risk phrases used in s.2:** R22: Harmful if swallowed.  
R43: May cause sensitisation by skin contact.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R41: Risk of serious damage to eyes.  
R53: May cause long-term adverse effects in the aquatic environment.  
R38: Irritating to skin.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.

