



**SAFETY DATA SHEET**  
10% POTASSIUM CASEINATE SOLUTION

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

**Product name:** 10% POTASSIUM CASEINATE SOLUTION  
**Product code:** fCASE/10  
**Company name:** Aquaspersions Ltd  
Beacon Hill Road  
Halifax  
West Yorkshire  
HX3 6AQ  
Tel: 01422 386200  
Fax: 01422 386239  
Email: technical@aquaspersions.co.uk

### 2. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.  
**Other hazards:** No other major hazards.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** 1,2-BENZISOTHIAZOLINE-3-ONE, SODIUM SALT 0.176%  
CAS: 58249-25-5  
[Xn] R22; [C] R34; [Sens.] R43; [N] R50

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** May cause irritation on prolonged or repeated contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** Nausea and stomach pain may occur.  
**Inhalation:** No symptoms.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** If a person feels unwell after coming into contact with this dispersion then seek medical advice.  
**Eye contact:** No major hazards.  
**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.  
**Inhalation:** Remove patient to fresh air. Treat symptomatically and seek medical advice.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.  
**Exposure hazards:** Virtually non-flammable as supplied. Residue may support combustion. In combustion emits mainly oxides of carbon and sulphur.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Store in closed containers, well protected from frost.

**Suitable packaging:** Stainless steel.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Beige

**Odour:** Barely perceptible odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible

**Viscosity:** 0-300cps

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

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

**upper:** No data

**Flash point°C:** No data

**Part.coeff. n-octanol/water:** No data

**Autoflammability°C:** No data

**Vapour pressure:** No data

**Relative density:** 1.000 - 1.100

**pH:** 9.00 - 11.50

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extremes of temperature. Protect from frost.

**Materials to avoid:** Strong acids. Bases.

**Haz. decomp. products:** The residue of this emulsion may liberate toxic fumes in combustion.

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact

**Routes of exposure:** Decomposes on strong heating liberating flammable carbon disulphide.

**12. ECOLOGICAL INFORMATION**

**Mobility:** No data.

**Persistence and degradability:** Only slightly biodegradable.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of packaging:** Retain for recovery. May be reused following decontamination.

**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:** No significant hazard.

**Precautionary phrases:** Contains 1,2-benzisothiazoline-3-one, sodium salt. May produce an allergic reaction.

**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:** Latex stabiliser.

**Risk phrases used in s.3:** R22: Harmful if swallowed.

R34: Causes burns.

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R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms.

**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.

