



**SAFETY DATA SHEET**  
17.5% POTASSIUM OLEATE SOLUTION

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Issued: 23/05/02

Revision No: 2

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

**Product name:** 17.5% POTASSIUM OLEATE SOLUTION

**Product code:** fPOTO/17

**Use / description of product:** Surfactant solution.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** May be irritating on prolonged or repeated contact.

**Eye contact:** May cause transient corneal irritation.

**Ingestion:** Unlikely to be harmful by ingestion.

**Inhalation:** It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation or sensitisation persists.

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

**Ingestion:** Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

**Inhalation:** 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.

**Exposure hazards:** Virtually non-flammable as supplied. Residue may support 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.

[cont...]

**7. HANDLING AND STORAGE**

- Handling requirements:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.
- 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:** None required.
- Hand protection:** Water repellent barrier cream Protective gloves made from nitrile rubber or PVC.
- Eye protection:** Safety goggles. Ensure eye bath is to hand.
- Skin protection:** Wear suitable protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Liquid
- Colour:** Brown
- Odour:** Fatty
- Viscosity:** 50 to 1000cps
- Oxidising:** No data
- Evaporation rate:** Negligible
- Solubility in water:** Miscible in all proportions
- Also soluble in:** Not applicable.
- Relative density:** 1.000 to 1.050
- pH:** 10.00 to 13.00

**10. STABILITY AND REACTIVITY**

- Stability:** Protect from frost and temperatures over 100oC.
- Conditions to avoid:** Extremes of temperature. Protect from frost.
- Materials to avoid:** Oxidising agents. Strong acids. Strong bases.
- Haz. decomp. products:** Under acid conditions may decompose to non-hazardous products.

**11. TOXICOLOGICAL INFORMATION**

- Effects of exposure** Watering of the eyes.
- Routes of exposure** Prolonged skin contact may cause allergy by defatting

**12. ECOLOGICAL INFORMATION**

- Mobility:** Miscible with water.
- Persistence and degradability:** Biodegradable.
- Bioaccumulative potential:** No data.
- Other adverse effects:** No data.

**13. DISPOSAL CONSIDERATIONS**

- Waste disposal:** In accordance with the local or national legislation.
- Disposal of packaging** Incinerate residues only in offically approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.

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**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**

**Safety phrases:** S25: Avoid contact with eyes.

**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. ADDITIONAL INFORMATION**

**Additional information:** Latex stabiliser.

**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.