



SAFETY DATA SHEET
25% POTASSIUM LAURATE SOLUTION

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

Product name: 25% POTASSIUM LAURATE SOLUTION

Product code: fPOTL/25

Use / description of product: Surfactant solution.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: Unlikely to be harmful by ingestion.

Inhalation: No symptoms.

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. Seek medical advice

Ingestion: Do not induce vomiting. Drink at least 2 pints of water.

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. Avoid ingestion.

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

Clean-up procedures: Adsorb onto sand/earth/similar adsorbent material. Once clear, wash the spillage area clean with water and detergent. 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:** Respiratory protection not required.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Colourless
- Odour:** Barely perceptible odour
- Evaporation rate:** Negligible
- Oxidising:** Not applicable.
- Solubility in water:** Soluble
- Also soluble in:** No data.
- Viscosity:** 0 - 100 cps
- 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:** ca 1.03
- pH:** 10.5 +/- 0.5

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Will decompose to non-hazardous substances under acid conditions
- Materials to avoid:** No known hazardous reactions

11. TOXICOLOGICAL INFORMATION

- Chronic toxicity:** No other significant effects.
- Routes of exposure:** No significant effects

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Readily biodegradable active ingredient.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D1 Tipping above or underground (e.g. landfill, etc.).

No data

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: No significant hazard.

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: This product is generally recognised as safe by the F&DA.

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.

