

Material Safety Data Sheet AKTAFLOE 'E'

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**
 Chemical Description Aktaflo 'E' is an alkoxyated phenol emulsifier.
 Application Aktaflo 'E' is an emulsifier for oil in water, calcium treated drilling fluids.

3. **Hazards Identification**
 Main Hazard Flammable

4. **First Aid Measures**
 - **Eye Contact**
- Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
 - **Inhalation**
- Remove to fresh air, rest and keep warm. Obtain medical attention in severe cases.
 - **Skin Contact**
- Remove contaminated clothing. Wash skin thoroughly, plenty of soap and water.
 - **Ingestion**
- Do not induce vomiting. Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.

5. **Fire Fighting Measures**

Fire Hazard	Flammable liquid	Flash point 36°C
Extinguishing Media	Water spray Dry powder Foam CO ₂ (Do not use a water jet)	

6. **Accidental Release Measures**
 Shut off all sources of ignition, avoid sparks and inhalation of vapour.
 Absorb spilled material on floor with sweeping compound or sawdust and place in container for disposal. Wash site with water.

7. **Handling and Storage**
 Avoid eye and skin contact
 Store in a sealed container above 0°C
 Store away from sources of ignition.

8. **Exposure controls / Personal Protection**

Protective Equipment	Goggles Gloves Safety shoes Coats	Respiratory Protection Other Measures	No special requirements Boots, if handling large quantities
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9. **Physical and Chemical Properties**

Appearance	Light mobile liquid
Solubility	Soluble in water, insoluble in oil
Odour	Characteristic
Pour Point	-5°C
Boiling Point	>100°C
Viscosity (25°C)	200 - 300 cps
Specific Gravity (20°C)	1.03 - 1.06 g/cm ³
Flash Point	36°C
pH (10% IPA/H ₂ O)	7 - 8

10. **Stability and Reactivity**

Stability	Stable
Incompatibility	None known
Hazardous Decomposition Products	None known

11. **Toxicological information**
 No data available

12. **Ecological Information**
 No data available

13. **Disposal Considerations**
 Dispose of in accordance with local authority regulations.

14. **Transportation Information**

Proper Shipping Name	Flammable liquid n.o.s
UN No	UN 1993
IATA/ICAO	Class 3, Subsidiary risks N/A, Packing Group III
IMDG/IMCO	Class 3, Page number 3345
ADR/RID	Class 3

15. Regulatory Information

Classification Flammable Liquid
Risk Phrases R10 - Flammable liquid
Safety Phrases
S16 - Keep away from sources of ignition
S24/25 - Avoid contact with skin and eyes
S36 - Wear suitable protective clothing.

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

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