

1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

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CLAYCAP LIQUID
 Product name:
 Drilling mud additive

2: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical type: Anionic acrylamide copolymer dispersed in a light mineral oil.
 Hazardous components:

Substance	Concentration (wt%)	Hazard symbol – letter	Risk phrases	OES/MEL for UK
Alcohol alkoxylate	<5	Xi	R36	-

3: HAZARDS IDENTIFICATION

Skin: Irritating to skin. Prolonged exposure may cause dermatitis or skin rashes.
 Eyes: Irritating to eyes.
 Ingestion: Low toxicity product.
 Inhalation: Inhalation may cause irritation.
 Physical/Chemical effects: Very slippery.
 Other: This product is not expected to be harmful to the aquatic environment.

4: FIRST AID MEASURES

Skin: Remove all contaminated clothing immediately & wash skin thoroughly.
 Eyes: Irrigate eye with plenty of water, if irritation persists, seek medical advice.
 Ingestion: Do not induce vomiting. If casualty is *unconscious* do not give anything by mouth, check breathing & pulse, place in recovery position & obtain medical assistance immediately. If casualty is *conscious*, rinse mouth with water, drink 1 pint of water & repeat at a rate of 1/3 pint every 10 minutes. Obtain medical attention immediately.
 Inhalation: Remove to fresh air and clear airways. Rest and obtain medical advice

5. FIRE FIGHTING MEASURES

Extinguishing media: Foam, dry powder in preference to water (slippery when wet).
 Do not use: None known.
 Special exposure hazards: N/A.
 Special equipment: Chemical protection suit, suitable gloves & boots, self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Breathing apparatus required in fire only.
 Environmental precautions: Do not allow to enter surface water or sanitary sewer.
 Methods for cleaning up: Soak up with inert and absorbent material (e.g. sand or sawdust). Remove in containers for disposal in accordance with the Special Waste Regulations 1996.

7. HANDLING & STORAGE

Handling precautions: Do not eat, drink or smoke whilst handling the product. Remove contaminated clothing immediately and wash before wearing.
 Storage conditions: Avoid extreme temperatures. Store in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: UK HSE EH40
 Mineral oil mist: 5mg/m³ long-term exposure limit (8-hour TWA reference period).
 10mg/m³ short-term exposure limit (15-minute reference period).
 Engineering measures: Ensure adequate ventilation, particularly in confined areas.

Personal protective equipment:

Respiratory protection: If exceeding occupational exposure limit for mineral oil mist, then a half or full-face mask with particle filter type P3 (European standard EN143) should be used.

Hand protection: PVC oil/chemical resistant gloves should be worn.

Eye protection: Goggles should be worn.

Skin & body protection: Lightweight protective clothing & a chemical resistant apron should be worn.

9. PHYSICAL & CHEMICAL PROPERTIES

Colour:	White	Autoignition temp:	N/A
Form:	Liquid	Explosive properties:	N/A
Odour:	Mineral oil	Oxidising properties:	N/A
pH 1% solution:	7.5	Vapour pressure:	Not determined
Boiling point:	>100°C	Bulk density:	1.1g/cm ³
Melting point:	N/A	Solubility:	Disperses
Flash point:	>120°C	Partition coefficient:	N/A
Flammability:	N/A		

10. STABILITY & REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to avoid: Extreme temperatures.

Materials to avoid: Avoid contact with water.

Hazardous decomposition: Does not decompose if stored correctly.

11. TOXICOLOGICAL INFORMATION

This product is classified as an irritant by its similarity to another product, which has been determined by OECD guidelines. The irritant effect is not caused by a single component but by a reaction between a number of components. The total quantity of irritant substances in the product is less than 20%. It is not an irritant as defined by the conventional method of 88/379/EEC.

12. ECOLOGICAL INFORMATION

This product is not expected to be harmful to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

This product should be disposed of in accordance with local regulations and is classified as a Special Waste in the UK. In the UK, it should be disposed of in accordance with the Special Waste Regulations 1996.

14. TRANSPORT INFORMATION

UK road/rail:	Not classified as dangerous.	ICAO:	Not classified as dangerous.
IMDG:	Not classified as dangerous.	ADR:	Not classified as dangerous.

15. REGULATORY INFORMATION

Supply classification:

Hazard symbol(s):



Xi - Irritant

Risk phrases: R36/38 - Irritating to the eyes and skin.

Safety phrases: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 - After contact with skin, wash immediately with plenty of soap and water.

16. OTHER INFORMATION

Recommended use: Drilling fluid additive.

This product has been classified and this data sheet has been produced in line with EEC directives, as implemented in the UK by the Chemicals (Hazards Information and Packaging) Regulations.

The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief at the time of publication. The information given in this data sheet does not constitute or replace the user's own assessment of risk as required by health and safety legislation. Provided that our products are handled, stored and used in accordance with the advice given in this leaflet, they should offer no hazard to health and safety.