



Typical Physical Properties

CHARACTERISTIC	STANDARD	Test Method
Physical appearance	Yellow Liquid	----
pH (5% solution)	6-7	ASTM D-1172
Sp.Gr @25 °C (g/ml)	1 ± 0.02	ASTM D-1298
Viscosity @ 25 °C (Cps)	< 50 Cps	ASTM D-445
Flash Point (°C)	> 99	ASTM D-92
Solubility in Water	Completely Soluble	----

Applications

Foamer is a safe, water soluble, proprietary blend of anionic, non-ionic, amphoteric surfactants and foam stabilizer. It is designed to produce high performance foam with excellent solid carrying capacity. It is effective in hard water as well as salt water.

Foamer is a new generation, highly concentrated foam which have been formulated for use in mineral and water well drilling applications.

Foamer is specifically formulated to produce a stable, high density foam in all types of ground water conditions including brackish, highly saline and hard water.

Foamer may be used in a variety of air drilling applications from simple rotary air to reverse circulation drilling. **Foamer** is designed to produce high volumes of foam exhibiting greater bubble strength with superior retention. The combination of these characteristics effectively lowers the air volumes required and significantly improves cuttings transportation.

Foamer has proven to assist in regaining returns in highly cavernous formations and through the improved retention values will better control water inflows.

Foamer can be used for dust suppression, mist and foam drilling or combined with select polymers and bentonites. When used correctly **Foamer** can assist with hole stability, reduce the stickiness of clays and shales and problems associated with mud rings and bit balling.

Advantages

- Exceptional foam quality
- Improves bubble strength and retention
- Extremely stable foam at low concentrations



- Tolerates highly saline and hard make-up water
- Ideal for regaining circulation in cavernous formations
- Controls water inflow
- Reduces air requirements and allows deeper drilling
- Reduces the sticking tendency of clays and shale
- Improves hole cleaning and increases penetration rates
- Effective in suppressing dust.

Packing and Storage

Foamer is packaged in 220 Li drums. Customized packaging is also available on request. Keep the containers closed when not in use.

Shelf Life

Foamer has shelf life of at least one years from the data of manufacture when stored in the original sealed containers in a cool and dry place.

Safety and Handling

Foamer that manufactured by ICC must be handled as an Industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.