

RAW's Anti-foam remains effective at both high & low temperatures.



RAW's Anti-foam effectively de-foams drilling muds and returned cuttings containing fresh or sea water.

RAW Biochem Is

Readily Biodegradable
Non-Reactive
Non-Toxic
Non-Corrosive
Non-Hazardous
Not Flammable
Contain No VOC's

**RAW Biochem Products
Do NOT Contain**

Petroleum Distillates
Glycol Ethers
Caustics
Ozone Depleting Agents
Nonylphenols
Endocrine disruptors

www.rawbiochem.com

This non-flammable and environmentally friendly anti-foam product exhibits exceptional characteristics in surface foam knock-down and in releasing entrained air. Its proven performance is highlighted by the 0-0-0-0 hazard rating.

RAW's Anti-Foam is effective at both high and low temperature ranges and it is non-flammable. No special safety precautions are needed in working with this product as there are no adverse effects known to occur when in direct contact with it.

Benefits:

- Performs across a broad PH spectrum.
- Performs equally well in fresh or salt water.
- Controls foaming in oil pipelines, pumps and, oil and gas separators.
- Controls foaming in dispersed and non-dispersed drilling fluid systems.
- Controls foaming with other products like various RAW Cleaners.
- Effectively de-foams drilling muds and returned cuttings containing fresh or sea water.
- Helps stabilize pump pressures by removing trapped air and gas.

The financial benefits are clear and include:

- Its environmentally safe components mean reduced environmental & discharge fees.
- Product is readily biodegradable and easily absorbed into the environment
- Product is safe to use without gloves or breathing apparatus and requires no special handling procedures.
- Product is safe to wash into waste systems – check with local authorities.
- Low PH of between 5-7.

TECHNICAL DATA SHEET

Description

RAW's Anti-foam is a super-concentrated blend of readily biodegradable and safe-to-use ingredients derived from domestically grown and created sources.

Diluted, ready-to-use products are safe to use on all substrates and will not damage steel, glass, fiberglass or plastics.

Physical State

Liquid

Colour	Opaque White
Odour	Mild
pH	5 – 7
Base	Plant Extracts
Persistence & Degradability	Readily Biodegradable

Directions for Use

Use rates will vary substantially per conditions.

Add as needed to prevent foam in various re-circulating systems and tanks.

If desired, product can also be diluted with water at up to a 50:1 dilution to create a sprayable product which can be atomized and dispersed over various foam heads and for use as a defoamer.

C.H.A.T.

Chemical: Unlike typical petrochemicals, RAW formulations may not perform as well with higher concentrations of product than they would with higher dilution rates. In a new process or application, trials are strongly recommended to achieve the correct chemical concentration.

Heat: The optimum temperature ranges from 43°C – 80°C. Product can be used in steam applications up to 490°C (540°F).

Agitation: Where applicable, agitation aids in dislodging soils from surfaces so they can be rinsed away.

Time: Dwell time is dependant on the application, heat and chemistry but generally speaking, longer dwell times enable more satisfactory results.