

Anaerobic Biochem (ABC[®]), is a patented mixture of lactates, fatty acids, alcohols and a phosphate buffer. ABC[®] contains a fully soluble carbon substrate for fast-release of reducing equivalence. Redox Tech was one of the first companies to recognize the importance of maintaining optimum pH, and for that reason, ABC[®] has always had a phosphate buffer and other alkaline materials, when necessary, to maintain the optimal pH. The phosphate buffer provides phosphates, which are a micronutrient for bioremediation. In addition, the buffer helps to maintain the pH in a range that is best suited for microbial growth.

Description

Benefits of ABC[®];

- Fast release carbon substrates
- Custom blended; total fermentable carbon can be adjusted from 40% to 99%
- Micronutrients and pH buffered
- Due to high solubility ABC[®] is easy to inject in tight formations



Photo: ABC[®] as a 60% fermentable carbon substrate in the field

Chemical & Physical Properties

Appearance:	Clear Liquid
Auto-ignition Temperature	Non-combustible
Boiling Point	>200 C
Melting Point	N/A
Density	~1.15 g/cc
Solubility	Soluble
pH	7 - 9
Carbon Content (wt%)	40-99

Packaging

Shipped in 275-gallon IBC totes, 55-gallon drums, 5-gallons Pails

Handling & Storage

Protective gloves and safety glasses are recommended when handling ABC. Keep container tightly closed when not in use. Avoid contact and storage with oxidizing agents.

Recommended storage temperatures: -17C to 70C