

## RCA (Reservoir Compatible Acid) package

Sage productions RCA system is designed to be the most effective means of removing inorganic oilfield scales. It consists of a base of hydrochloric acid, which can be run at up to 28% concentration. The acid package is highly effective in the dissolution of carbonate based scales, including the very common calcium carbonate. Among the main benefits of the RCA system is its robust compatibility. RCA acid is to be recommended for challenging formations, or wells under conditions which may not be fully known, such as precise bottomhole temperatures, or reservoir fluid characteristics.

RCA acid can be through a bullhead type application, or selectively through the use of coiled tubing. It can be used as a wash in downhole tubing, or it can be safely squeezed into the formation. This means it can be used for either routine maintenance of downhole facilities, or as the key component of a stimulation treatment, as circumstances warrant.



### Advantages:

- 1) Very effective for formation squeeze treatments due to its delayed spending
- 2) Ideal for treatment of carbonate based scales
- 3) Excellent corrosion profile under a variety of conditions
- 4) Very safe to use with any formation fluids
- 5) Works very well in conjunction with solvent pre-treatments

### Limitations:

- 1) Compatibility testing is recommended to ensure no adverse reactions with formation fluids
- 2) Toxic and corrosive. Please see MSDS should contact occur

### Physical characteristics:

Physical State: Liquid  
Specific Gravity: 1.08  
Titration Percentage: 15-28% equivalent  
Colour: Opaque white l

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