

ASSA 1001 SUSPENDING AGENT

Application

Suspending Agent (ASSA 1001) can be used in most acid-treating solutions and fracturing fluids to suspend insoluble fines. It disperses particles in hydrochloric acid (HCl) treatments. Normal concentration is 1 to 30 gal/1,000 gal (0.1 to 3 volume percent).

Physical and chemical properties

Item	Description	Properties
1	Physical	Light Yellow Liquid
2	Odor	Alcohol like
3	Solubility in water	Soluble

Features

Suspension Properties

Efficiently suspends fine solids in an aqueous-based fluid and reduces the ability of these fines to agglomerate and plug the formation.

Stimulation Fluid Flexibility

Can be used in the preparation of hydrochloric-hydrofluoric acid mixtures and various fracturing fluids.

Versatility

All types of Oil and gas producing wells and also water injection wells can be treated with fluids containing (ASSA 1001).

Helps remove damaging insoluble silicates, feldspars, quarts and clays from formation, which can be released during an acid stimulation treatment.

Compatible with variety of crude oils and stimulation fluids.

Water wets carbonate formations.

Easily dispersible in water and acid.

Safety Precautions

Avoid eye, skin and respiratory tract contact. Use protective eyewear, chemical gloves, apron, face shield and respirator when mixing this product. Should contact occur, flush area with fresh water for 15 minutes and see a physician.

Packaging

Drum: 55 gal

