



Technical Data Sheet

AAP-ASD1

(Asphaltene inhibitor/dispersant)

Product Code Applications

: **AAP-ASD1**

: **AAP-ASD1** is a powerful special asphaltene inhibitor/dispersant which is a complex formulation of special complex organic based compositions in solvents engineered to avoid asphaltene agglomeration and deposition. **AAP-ASD1** is designed to prevent asphaltene deposition from downhole equipment, flow lines, dehydrators and other surface production facilities.

In the petroleum industry, asphaltenes are known to form deposits which can clog well formations, flow lines, and surface facilities. Changes in pressure, temperature and shear rate may cause asphaltene precipitation and deposition. Asphaltenes can build up in many places along the production system, from inside the structures to pumps, tubing, wellbores, safety valves and etc. Asphaltene deposits can cause production problems for field operations and may even cause safety issues.

Product Data

: **AAP-ASD1** is a formulation of special complex organic based compositions in solvents

Specification:

Form

: liquid

Odor

: Mild amine like + aromatics

pH

: 7.2 – 8.5

Flash Point

: > 65 °C

Solubility in water

: Immiscible

Specific Gravity (kg/lit.)

: appr. 0.90 – 0.95 (H₂O = 1)

Viscosity 25 °C

: 312 cPs

: **AAP-ASD1** must be dosed continuously without any dilution, with an adjustable chemical proportioning pump.

Required dosages are highly variable and will depend on crude oil type, asphaltene deposits, operative condition and system design.

Packing and Storage

: **AAP-ASD1** can be supplied in non-returnable 180 kg net metal drums or in 1000 liters net tank.

The shelf-life of the product is two years.

Safety/Ecology

: Before to use **AAP-ASD1**, read carefully the MSDS. We recommend using protective gloves, and goggles and wearing protective rubber clothes. In case of contact with skin or eyes, wash immediately with plenty of water and call for a doctor.

