



DOEAST®

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SODIUM ASPHALT SULFONATE (SAP 1001)

API STARCH is black water-soluble powder that is the poly-anionic modified Sulfated Asphalt. It can plug stratum cracks, prevent shale collapse and inhibit shale hydration. It reduces high temperature fluid loss, lowers torque & drag, and stabilizes shale formation & aids oil emulsification. It can be used both in water-based and oil-based drilling fluid systems.

SAP 1001 / Oil drilling grade

ITEM	STANDARD
Appearance	Black powder
Moisture content	≤15%
Water solubility	≥70%
Oil solubility	≥25%
High Temp/Pressure Loss	≤30%
PH value	6-9

USAGE & DOSAGE:

This product can be used into all types of water-based drilling fluid system, it can be added in system directly as a powder or in water solution.

PACKAGE:

The product is usually kept in a compound or multi-wall bags, with each net weight 25 KG; Special packages are available based on customers' requirements

STORAGE:

The product should be kept in shady, dry and ventilated warehouse with environment temperature controlled within 122F and relative humidity 50%. It should be prevented from sun and rain, and positioned in some place away from heat and fire; the recommendation for bag piles is no more than 8 layers.

SAFETY:

Avoid contacting with eyes, skin and clothing. If contact occurs, wash with a flush of water. Refer to Material Safety Data Sheet (MSDS) for complete handling and hazard data.