

PENETROL[®] DRY

Surfactant

cations/Functions The use of PENETROL DRY Surfactant aids or promotes the following	
	g:
 Reduces and/or minimizes bit balling Improves drilling efficiency by preferentially coating the bottom-hole assem and drill string Minimizes potential for accretion and agglomeration of cuttings 	ıbly
Advantages Free-flowing granular product Easy to mix and readily dispersible Effective at low concentrations Minimal to no foaming produced during high shear mixing or surface agitation Compatible with other Baroid drilling fluid additives Low aquatic toxicity NSF/ANSI/CAN Standard 60 Certified	ion
Typical PropertiesAppearanceWhite granulesBulk Density, lb/ft³, kg/m³40 - 45, 641 - 721PH (1.0% Aqueous Solution)6.5	
Recommended Treatment Approximate Amounts of PENETROL DRY Surfactant Added to Water Based Fluids	
lbs/100gal kg/m ³	
0.5 - 3.0 0.6 - 3.6	
 It is recommended that Soda Ash (sodium carbonate) be added to the make water prior to the addition of PENETROL DRY Surfactant for reduction of exaclium and pH adjustment. Introduction of PENETROL DRY Surfactant requires the user to incorporate material into the drilling fluid system using a venturi hopper or directly into the vortex of a high-speed stirrer and follow standard order of addition. PENET DRY Surfactant should be incorporated only after bentonite and/or polymer have been mixed and fully hydrated. The above recommendations are generalized concentrations of PENETROD DRY Surfactant to be added to water-based drilling fluids. The ultimate usa concentration will be based on local geology, application and mixing efficie In the event that further information is needed please contact your local Ba IDP representative. 	excess the the treating treatr
Packaging PENETROL DRY Surfactant is packaged in a 14-lb plastic pail containing 7, 2-l	
bags and 30-lb (13.6-kg) re-sealable plastic pails.	lb
Availability PENETROL DRY Surfactant can be purchased through any Baroid Industrial D Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative	Prilling
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