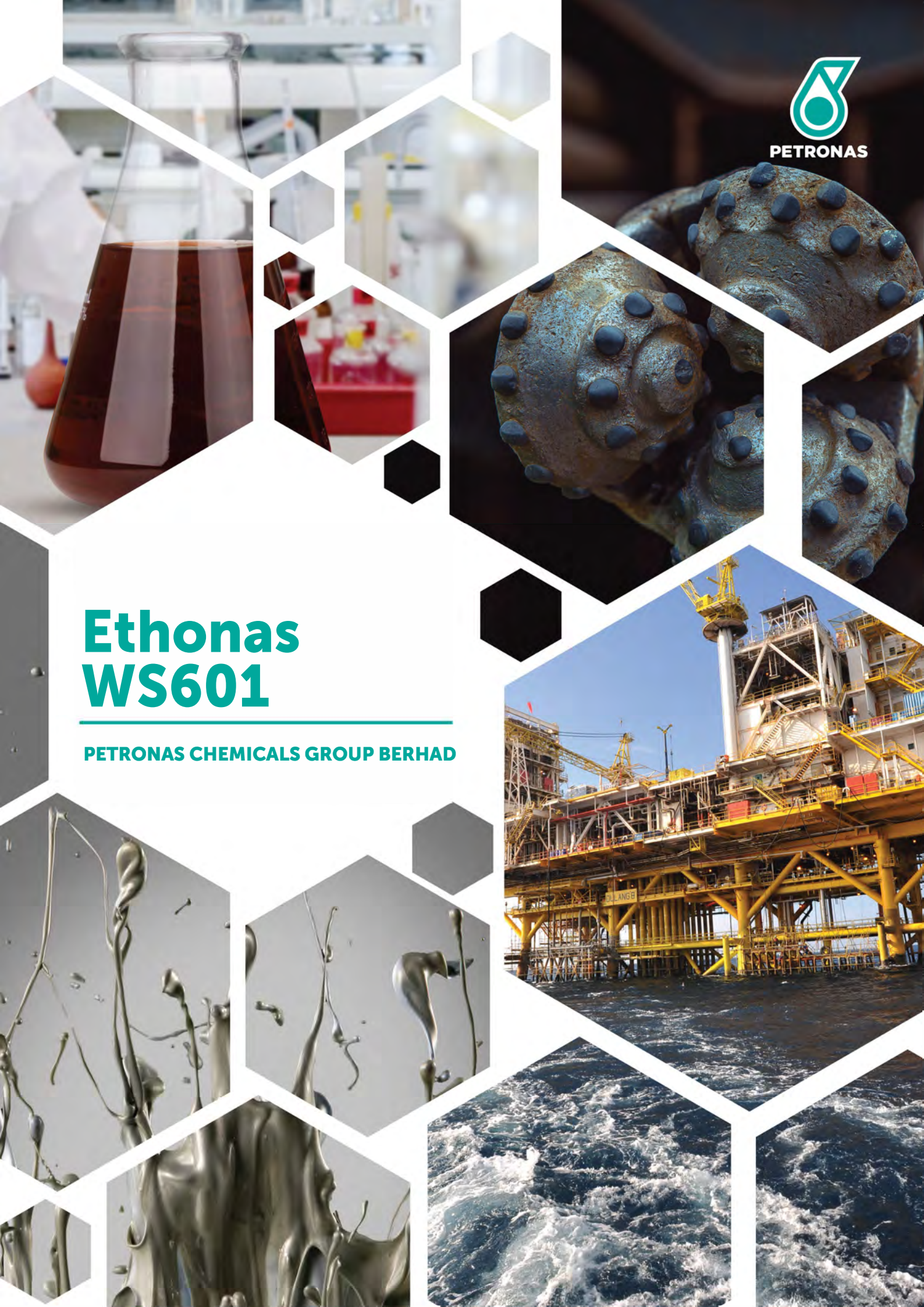




PETRONAS

Ethonas WS601

PETRONAS CHEMICALS GROUP BERHAD



Ethonas WS601

is a highly effective all-in-one solution that provides optimal cleaning results and allows cleaning tasks to be done in a time & cost-efficient manner.

PCG recommends
concentration of 15%
for optimum
cleaning
performance

Product Properties

PETRONAS WELLBORE WS 601	TYPICAL VALUES*	UNITS	TESTING METHOD
Appearance	Dark brown liquid	-	In-house method
Initial Boiling Point	200	°C	ASTM D86
Flash Point	103	°C	ASTM D93 (PMCC)
Specific Gravity @ 20°C	0.89 – 1.00	-	In-house method
Kinematic Viscosity @ 40°C	1.20	mm ² /s	ASTM D445
pH (1 wt% in water)	5.0–7.0	-	In-house method

*These properties are typical but do not constitute specifications.

Key Benefits

PRODUCT	KEY BENEFITS
Ethonas WS601	• Solvent-surfactant system creating a stable emulsion system • Excellent wellbore cleanliness—Faster achievement of TSS & Turbidity level • Compatible with freshwater and seawater • Water rinsing readiness for water-wet finishing at casing & pipe surfaces • Single-stage solution—Lower storage at rigsite

Product Applications



Wellbore Cleaning