



PETRONAS

PRODUCT DATA SHEET

Ethonas HS Solvent 101

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Ethonas HS Solvent 101
 Composition : 2,2'-(Methylimino) Diethanol
 Type : Gas treating solvent

Based on the application, Ethonas gas treating series are formulated with selected amines for selectivity remove acid gas in specific system. Ethonas HS Solvent 101 is formulated for selective removal of H₂S from H₂S- and CO₂-contaminated gas steam, while allowing CO₂ slip.

APPLICATIONS:

- For gas treating in refinery & petrochemical gas treating, natural gas treating and tail gas treating

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Yellowish liquid
Odour	-	Ammoniacal
Alkalinity	meq/g	7.83-8.14
Water	wt%, max	4.5-5.5
Colour	PtCo, max	150
Specific gravity at 20/20°C	-	1.045-1.048
pH (50% aq at 20°C)	-	11.4

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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MS ISO 9001:2000 REG. NO. AR4.088
(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001

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