

PRODUCT NAME: METHANOL

Methanol or methyl alcohol, which is the simplest type of alcohol, is known by the chemical formula CH₃OH.

Methanol is a light, volatile, colorless, flammable liquid. It is so toxic that swallowing or inhaling it can cause blindness or death. Methanol is used in the production of many end products such as solvents, paints, plastics and antifreeze.

Methanol is also used sparingly as a fuel in engines with internal combustion systems. It should be noted that most of the methanol produced in the world is used to produce acetic acid and formaldehyde MTBE.

SPECIFICATION

PROPERTY	UNITS	TEST METHOD	VALUE
PURITY	wt%	Calculated	99.85 min.
H ₂ O	wt%	ASTM D-1364	0.1 max.
Color	APHA	ASTM D-1209	5 max.
CARBONISBLE	APHA	ASTM C-0346	5 max.
SP. GR. @ (20/20°C)	--	ASTM D-1298	0.792-0.793
ACIDITY (AS CH ₃ -COOH)	wt%	ASTM D-1613	0.003 max.
ALKALINITY (AS NH ₃)	wt%	ASTM D-1614	0.003 max.
HYDROCARBONS	--	ASTM D-1722	PASSES TEST
FE	Wt.ppm	ASTM E-202	0.05 max.
CHLORIDE	Wt.ppm	ASTM D-512	0.2 max.
DISTILLATION RANGE	°C	ASTM D-1078	1 max.
PERMANGENATE TIME	MINUTES	ASTM D-1363	50 min.
ACETONE	Wt%	ASTM D-1612	0.003 max.
ODOUR	--	ASTM D-1296	Non RESIDUAL
Non VOLATILE MATTER	Mgr/100ml	ASTM D-1353	2 max.
APPEARANCE	--	--	CLEAR FREE FROM SUSPENDED MATTER
Miscibility	--	ASTM D-1722	PASSES TEST