Denaturated ethyl alcohol 93% MID/Windscreen washer concentrate

PRODUCT SPECIFICATION

04.02.2020

Trade name: **Denaturated ethyl alcohol 93% MID/Windscreen washer concentrate**

Product type: **Ready for use**
Appearance: **Clear, colorless, without mechanical admixtures**
Molecular formula: **C_2H_6O**
Ethanol consist: **93%**
Mono Ethylene Glycol **1%**
Density at 20°C: **0.81 g/cm3**
Boiling point: **79.24 °C**
Melting point: **−104 °C**
UN number **UN 1170**
Packing: **bulk, buyer's iso-tanks or tank-trucks, 1000Lit IBC, 640 lit IBC, 216,5 lit plastic drums.**

CERTIFICATE OF QUALITY NR 1119-53

Parameters	Unit	Value Standart	Value Fact	Test method
Ethanol content before denaturation 20 °C	% (v/v)	> 99.5	99.8	EN 15721
Methanol content	% (m/m)	< 0.1	0.05	EN 15721
Higher saturated (C3-C5) mono-alcohols content	% (m/m)	< 0.2	0.1	EN 15721
Appearance		Clear, clean, colourless	Clear, clean, colourless	
Odour			Typical, no foul odors	
Isopropyl alcohol (IPA)	L	1 L per 100 L of absolute ethanol	1.0	
Methyl ethyl ketone (MEK)	L	1 L per 100 L of absolute ethanol	1.0	
Denatonium benzoate	G	1 g per 100 L of absolute ethanol	1.0	

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