

**NEDALCO 66212 PH**

Product code: MS24270

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Replaces: 00/00/0000

**FORMULA:**

(CAS: 64-17-5/ EINECS: 200-578-6)

Ethanol 99,8% + 78 g/hl TBA + 0,8 g/hl Bitrex

**APPEARANCE**

Clear, colourless liquid with a characteristic odour.

**COMPOSITION (pure ethanol)**

Ethanol (@20°C v/v)	: min. 99,8	%
Ethanol (@20°C w/w)	: min. 99,6	%

**PHYSICAL PROPERTIES (based on pure ethanol)**

Density (@20°C)	: max. 0,790	kg/l
Absorbance 240nm	: max. 0,4	
Absorbance 250-260nm	: max. 0,3	
Absorbance 270-340nm	: max. 0,1	
Absorption curve	: smooth	

**CHEMICAL ANALYSIS (based on pure ethanol)**

Acidity (EP)	: max. 30	ppm
Aldehydes (as acetaldehyde)	: max. 3	mg/l AA
Esters (as ethyl acetate)	: max. 10	mg/l AA
Higher alcohols (as 2-methyl 1-propanol)	: max. 5	mg/l AA
Methanol content	: max. 10	mg/l AA
Residue on evaporation	: max. 20	mg/l AA
Permanganate clearing time	: min. 15	minutes

**After denaturation**

Tert. Butylalcohol (TBA)	: min. 780	mg/l AA
Denatonium Benzoate (Bitrex)	: min. 8	mg/l AA

**APPLICATION**

This product can be used in application of pharmaceutical preparations as anaesthetics, antiseptics, drugs, liniments, lotions and tinctures, but also in cosmetics such as deodorants, soaps, aerosols and shampoos. In addition, the product can be used as process aid in processing colourants, flavours, and aromas for the cosmetic industry.

**PACKING**

Can be obtained in IBC's (760kg) and drums (158kg). Other packing is available on request.

### **SHELF-LIFE**

IBC's: 36 months after production date; Drums: 30 months after production date.

### **SAFETY REGULATION**

The safety data sheet is available on request.

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