

GENERAL DESCRIPTION

Octanol (2-Ethyl-hexanol) is a colorless liquid with a specific odor. The product is poorly soluble in water. It is a combustible and flammable compound. When heated above 75 °C, octanol vapor forms explosive mixtures with air. By heating to decomposition, octanol forms carbon monoxide and dioxide. It can also form irritating and corrosive gases.

TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Octanol (2 Ethyl-hexanol), min.	%	99.7
2	Distillation range (95% vol.)	°C	183-185
3	Acidity (CH ₃ COOH), max.	%	0.01
4	Water (Karl-Fischer), max.	%	0.05
5	Hazen color, max.	Hazen Units	5
6	Aldehydes and cetones content (2 ethyl-hexanal), max.	%	0.050
7	Unsaturated content (2 ethyl-hexenal), max.	%	0.01
8	Color after H ₂ SO ₄ test (1 h at 95° C) , max.	Hazen Units	20

APPLICATIONS

- in plasticizers manufacturing;
- in synthetic lubricants manufacturing;
- in surfactants and antifoaming agents manufacturing;
- as low volatility solvent for animal fats and vegetal and mineral oils;
- as wetting and dispersion agent for textiles.

GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 20°C, g/cm ³	0.832
Flash point, °C	75
Flammability	flammable

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

PACKING

The product is packed in 20 or 40 tons steel tanks, property of supplier or client.

STORAGE

Storage in tanks is done by providing a nitrogen blanket and ventilation systems with flame traps.

TRANSPORT

ADR: 2-Ethylhexanol is not classified under ADR regulations.

RID: 2-Ethylhexanol is not classified under RID regulations.

Maritime transport IMDG: 2-Ethylhexanol is not classified under IMDG regulations.

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.