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# Laszlo Corporation

## OCTANOL (2 ETHYL-HEXANOL)

### GENERAL DESCRIPTION:

Octanol is a colorless liquid with a specific odor. The product is little soluble in water. It is combustibile and flammable. At heating temperatures over 75° C, Octanol vapors gives explosive mixtures with air. By heating at decomposition, 2-ethylhexanol gives carbon monoxide and dioxide. It can also give irritant and corrosive gases.

### TECHNICAL QUALITY CONDITIONS:

Characteristics	M.U.	Values
2 Ethyl Hexanol isomers, min.	%	99.5
Distillation range (95% vol.)	°C	183-185
Acidity (CH <sub>3</sub> COOH), max.	%	0.01
Water (Karl-Fischer), max.	%	0.1
Color, max.	Hazen Units	10

### SPECIFIC PROPERTIES:

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

Density, g/cm <sup>3</sup>	0.832
Boiling temperature, °C	183 -186
Ignition temperature, °C	75
Flammability	Flammable

### MAIN 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.
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**SHIPPING INFORMATION:**

- ▶ 20 or 40 tons stainless steel tanks.

**STORAGE:**

Store in cold, well ventilated areas, away from oxidizers and flammable sources. Flooring should be waterproof and fireproof, provided with water retaining and separating pails to avoid liquid spread in case of accidental leakage. In case of reservoirs storage, a nitrogen blanket and vents with flame traps are recommended.