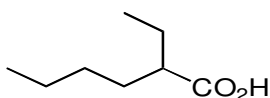


**Trade name**      **2 - ETHYL HEXANOIC ACID**
**Chemical Name**      2-ETHYL HEXANOIC ACID  
**Chemical Structure**      CH3(CH2)3CH(CH2CH3)COOH

**Molecular Formula**      C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>
**Molecular Weight**      144.2

**CAS RN<sup>®</sup>**      149-57-5

**EINECS No.**      205-743-6

**TSCA**      On Inventory

Specification	Item	Unit	Specification
	Appearance		Clear Liquid
	Color	APHA	15 max.
	Specific Gravity (20/4°C)		0.905 - 0.910
	Purity	Wt %	99.0 min.
	Water Content	Wt %	0.10 max.
	Acid Value	KOHmg/g	385 min.

Physical Property	Item	Unit	
	Boiling Point	°C	227.6
	Specific Gravity (20/4°C)		0.906
	Melting Point	°C	<-100
	Refractive Index (n <sub>D</sub> <sup>20</sup> )		1.423
	Viscosity (20°C)	mPa·s	7.7
	Flash Point (open cup)	°C	115
	Vapor Density (Air=1)	°C	5.0
	Explosion Limits	Vol%	0.8 – 6.0
	Ignition Point	°C	371
	Solubility (in Water 20°C)	g/100g	0.25

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<b>Applications</b>	Metal soaps, Plasticizers, Lubricants, Surfactants, Alkyd resins, Fatty acid chlorides, Cosmetics, Corrosion inhibitors		
<b>Health Hazards</b>	Acute toxicity data on 2 - ETHYL HEXANOIC ACID		
	Acute Toxicity	LD50(oral)	rat 1.6g/Kg
		LD50(dermal)	rabbit 1.14g/Kg
<b>Emergency and First Aid Procedure</b>	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.	
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops, see a physician.	
	3)Inhalation	If a large amount is inhaled, remove individual(s) to fresh air.	
<b>Storage</b>	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.		
<b>Extinguishing Media</b>	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.		
<b>Packing</b>	180Kg 20MT	Epoxy lined iron drum ISO-Container	

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**Home page**

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