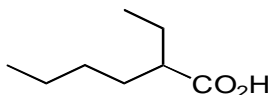


Trade name

2 - ETHYL HEXANOIC ACID

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



Molecular Formula C₈H₁₆O₂

Molecular Weight 144.2

CAS No. 149-57-5

EINECS No. 205-743-6

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	15 max.	JIS K 0071
	Specific Gravity (20/4°C)		0.905 - 0.910	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
	Acid Value	KOHmg/g	385 min.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	227.6
	Specific Gravity (20/4°C)		0.906
	Melting Point	°C	<-100
	Refractive Index (n _D ²⁰)		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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Health Hazards	Acute toxicity data on 2 - ETHYL HEXANOIC ACID			
	Acute Toxicity	LD50(oral)	rat	3g/Kg
		LD50(skin)	rabbit	1.26g/Kg
Emergency and First Aid Procedure	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.		
Storage	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
Extinguishing Media	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
Packing	180Kg	Stainless drum		
	20MT	ISO-Container		

Kyowa Hakko Chemical Co.,Ltd.	Kyowa Hakko USA, Inc	Kyowa Hakko Europe GmbH	Kyowa Hakko Industry (Singapore) Pte. Ltd.
3-2-15 Nihonbashi-Muromachi, Chuo-ku, Tokyo, 103-0022, Japan	767 Third Avenue, 19th Fl. New York, NY 10017, USA	Am Wehrhahn 50 D-40211 Dusseldorf Germany	260 Orchard Road #12-04 The Heeren, Singapore 238855
Tel: +81-3-3510-3552	Tel: +1-212-319-5353	Tel: +49-211-17545-0	Tel: +65-6733-4948
Fax: +81-3-3510-3571	Fax: +1-212-421-1283	Fax: +49-211-17545-441	Fax: +65-6733-0819

Kyowa Hakko Chemical Co.,Ltd.
Shanghai Representative Office
8 Xingyi Road MaxDo Bldg., Room 908, Changning District, Shanghai 200336, China
Tel: +86-21-5208-0009
Fax: +86-21-5208-0130

Home page

www.kyowachemical.co.jp

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