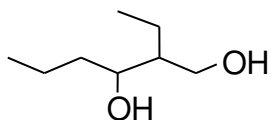


Trade name

## 2 - ETHYL - 1,3 - HEXANEDIOL (OCTANEDIOL)

**Chemical Name** 2-ETHYL-1,3-HEXANEDIOL  
**Chemical Structure** CH3CH2CH2CH(OH)CH(C2H5)CH2OH



**Molecular Formula** C<sub>8</sub>H<sub>18</sub>O<sub>2</sub>  
**Molecular Weight** 146.2  
**CAS RN<sup>®</sup>** 94-96-2  
**EINECS No.** 202-377-9  
**TSCA** On Inventory

Specification	Item	Unit	Specification
	Appearance		Clear Liquid
	Color	APHA	20 max.
	Specific Gravity (20/20°C)		0.939 – 0.944
	Purity	Wt %	98.5 min.
	Water Content	Wt %	0.1 max.
	Acid Value	KOHmg/g	0.10 max.

Physical Property	Item	Unit	
	Boiling Point	°C	244.2
	Specific Gravity (20/20°C)		0.942
	Melting Point	°C	<-40
	Refractive Index (n <sub>D</sub> <sup>20</sup> )		1.449
	Viscosity (20°C)	mPa·s	320
	Flash Point (open cup)	°C	135
	Vapor Density (Air=1)	°C	5.0
	Ignition Point	°C	360
	Solubility (in Water 20°C)	g/100g	0.6
	Surface Tension (25°C)	N/cm	2.9 × 10 <sup>-4</sup>

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of KH Neochem Co., LTD. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or any process. KH Neochem Co., LTD. assumes no legal responsibility for use of or reliance upon this information.

<b>Applications</b>	Polyurethane resins, Polyester resins, Polyester plasticizers, Ink formulations		
<b>Health Hazards</b>	Acute toxicity data on 2 - ETHYL - 1,3 - HEXANEDIOL		
	Acute Toxicity	LD50(oral)	rat 1.4g/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>	190Kg 20MT	Iron drum ISO-Container	

**KH Neochem Co., Ltd.**

2-3-1,Nihonbashi-Muromachi,  
Chuo-ku,Tokyo,103-0022,Japan  
Tel: +81-3-3510-3561  
Fax:+81-3-3510-3571

**KH Neochem Americas, Inc.**

1515 East Woodfield Road,Suite 710,  
Schaumburg,IL 60173,USA  
Tel: +1-847-517-8800  
Fax:+1-847-517-8830

**Shanghai Seika Trading Co., Ltd.**

Room1116,Bldg.B,  
Far East International Plaza,No.317  
Xianxia Rd.Changning District,  
Shanghai,200051,China  
Tel: +86-21-5208-0009  
Fax:+86-21-5208-0130

**Home page**

<https://www.khneochem.co.jp/>

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of KH Neochem Co., LTD. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or any process. KH Neochem Co., LTD. assumes no legal responsibility for use of or reliance upon this information.