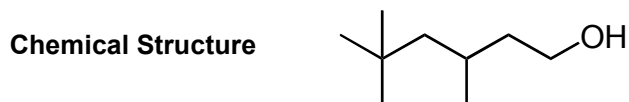




Trade name **3,5,5-TRIMETHYL HEXANOL**
(NONANOL)

Chemical Name 3,5,5-TRIMETHYL HEXANOL
CH3C(CH3)2CH2CH(CH3)CH2CH2OH



Molecular Formula C₉H₂₀O

Molecular Weight 144.3

CAS No. 3452-97-9

EINECS No. 222-376-7

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max	JIS K 0071
	Specific Gravity (20/20°C)		0.821 – 0.835	JIS K 0061
	Water Content	Wt %	0.10 max	JIS K 0068
	Distillation Test	°C I.B.P	180 min	JIS K 2254
	(Per 100ml of sample 760mm hg)	°C D.P.	200 max	
	Acid Value	KOHmg/g	0.1 max	JIS K 0070
	Iodine Value	Ig/100g	0.1 max	JIS K 0070
	Ester Value	KOHmg/g	1.0 max	JIS K 0070
	Hydroxyl Value	KOHmg/g	382 min	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point (760 mmHg)	°C	190
	Melting Point	°C	-30max
	Specific Gravity (20/20°C)		0.828
	Refractive Index (n _D 25)		1.431
	Vapor Pressure (150°C)	KPa	15
	Viscosity (20°C)	mPa/s	14.0
	Solubility (in Water 20°C)	g/100g	0.05
	Flash Point	°C	79
	Ignition Point	°C	404
	Explosion Limits	Vol%	0.9 - 6.0

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Health Hazards	Acute toxicity data on 3,5,5-Trimethyl Hexanol		
	Acute Toxicity	LD50(oral)	rat >2g/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	170Kg 20MT	Iron drum ISO-Container	

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