


# 1-octadecanol

<b>Chemical Name</b>	1-octadecanol
<b>CAS No.</b>	112-92-5
<b>Chemical Structure</b>	
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>38</sub> O
<b>Molecular Weight</b>	270.5

## Specification :

Item	Spec	Typical	Test Method
Appearance	White Solid	Pass	Visual
Sum C18 Alcohol, %	98 min	99.8	GC
Hydroxyl Value, mgKOH/g	200~220	206	GB/T 16451
Acid Number, mgKOH/g	0.2 max	0.02	GB/T 16451
Saponification Number, mgKOH/g	0.8 max	0.3	GB/T 16451
Iodine Value, gI <sub>2</sub> /100g	0.8 max	0.2	GB/T 16451
Water Content, %	0.2 max	0.05	GB/T 11275
Melt Point, °C	55~61	59	GB/T 16451

## Packing:

Drum,

## Storage and Handling

Store containers tightly in a cool, ventilated warehouse. Protect from direct sunlight.

Keep away from fire and heat.

Avoid contact with strong oxides and strong acids. Sulfonation occurs with concentrated sulfuric acid, and there is no chemical reaction in the case of alkali.

Slightly soluble in water, ether, easily soluble in ethanol, methanol.