



# Chemball (Hangzhou) Chemicals Co., Ltd.

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## TECHNICAL DATA SHEET

**Product Name: Triacetin (food grade) CAS: 102-76-1**

**HS:29153900**

Glycerol Triacetate occurs colorless transparent oily liquid, with bitter taste, nontoxic, slightly soluble in water, Soluble in many kinds of organic solvents.

<b>Product Name</b>	<b>Full Name:</b>	Glycerol Triacetate(food grade)		
	<b>Short Name:</b>	Triacetin		
	<b>Synonyms:</b>	GTA		
<b>Structural Formula</b>	$C_9H_{14}O_6$	<b>CAS No.</b>	102-76-1	
		<b>Production Date</b>	2022/02/25	
		<b>Batch No.</b>	220225	
<b>Physical Properties</b>	<b>Molecular Weight</b>	218.20 (provided by IUPAC in 1995)		
	<b>Boiling Point</b>	258 ℃ ( 0.101mpa )		
	<b>Flash Point</b>	140 ~ 143 ℃		
<b>Specifications</b>	<b>Items</b>	<b>Standard</b>	<b>Test Result</b>	
	1. Appearance	Colorless Transparent Liquid	Pass	
	2. Content	99.5% min	99.65%	
	3. Color (Pt-Co)	15# max	12	
	4. Water	≤0.05%	0.03%	
	5. Acidity (mgKOH/g)	≤0.005%	0.0032%	
	6. Refractive Index ( 25℃/D )	1.430 ~ 1.435	1.431	
	7. Relative Density (25/25 ℃)	1.154 ~ 1.164	1.158	
	8. Heavy Metals (as Pb)	≤5 ppm	Pass	
	9. Arsenic	≤1 ppm	Pass	
<b>Packaging</b>	Standard Packaging: 200L Iron Drum	<b>Expiry Date</b>	1 year	
<b>Storage</b>	Store under dry and cool condition, and keep product air-tight.			
<b>Remark</b>	Pass			

**Physical Characteristics:**

Glycerol Triacetate occurs colorless transparent oily liquid, with bitter taste, nontoxic, slightly soluble in water, Soluble in many kinds of organic solvents

**Usage:**

Food additive and solvent

**Cautions for transportation and usage:**

NONE HAZRDOUS FOR SEA TRANSPORT ACCORDING TO IMO IMDG CODE  
According to International maritime Dangerous Goods Code(IMDG CODE), This product is non-danger material, keeping on ventilated and dry area, and prevent moist and sun, not put together with food, seed and fertilizer.

**Package:**

240kg/ Drum, 1150kg/IBC

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