



Chemball (Hangzhou) Chemicals Co., Ltd.

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TECHNICAL DATA SHEET

Product Name: Triacetin (foundry 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.

Product Name	Full Name:	Glycerol Triacetate(foundry grade)		
	Short Name:	Triacetin		
	Synonyms:	GTA		
Structural Formula	$C_9H_{14}O_6$	CAS No.	102-76-1	
		Production Date	2022/06/19	
		Batch No.	220619	
Physical Properties	Molecular Weight	218.20 (provided by IUPAC in 1995)		
	Boiling Point	258 °C (0.101mpa)		
	Flash Point	140~143 °C		
Specifications	Items	Standard	Test Result	
	1. Appearance	Colorless Transparent Liquid	Pass	
	2. Content	99% min	99.15%	
	3. Color (Pt-Co)	30# max	23	
	4. Water	≤0.05%	0.038%	
	5. Acidity (mgKOH/g)	≤0.01%	0.0065%	
	6. Refractive Index (25°C/D)	1.430 ~ 1.435	1.431	
	7. Relative Density (25/25 °C)	1.154 ~ 1.164	1.156	
	8. Heavy Metals (as Pb)	≤5 ppm	Pass	
	9. Arsenic	≤3 ppm	Pass	
Packaging	Standard Packaging: 240kgs/ Iron Drum or 1150kgs/IBC	Expiry Date	2 years	
Storage	Store under dry and cool condition, and keep product air-tight.			
Remark	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:

Plasticizer 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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