



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Trichloroisocyanuric Acid (TCCA)

Product: Trichloroisocyanuric Acid (TCCA)

Molecular Formula: C₃N₃O₃Cl₃

Molecular Weight: 232.41 g/mol

Cas No.: 87-90-1

Density: 0.95 g/cm³ (granular)

UN No. UN 2468, **Class** 5.1, **PG** II

HS Code: 29336990

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Available chlorine	≥90.0%	≥88.0%	90.5%
Moisture	≤0.5%	≤1.0%	0.3%
pH (1% solution)	2.7-3.3	2.7-3.3	3.0
Insoluble matter	≤0.1%	≤0.2%	0.05%
Granule size (8-30 mesh)	≥90%	≥80%	92%
Heavy metals (as Pb)	≤10 ppm	≤20 ppm	6 ppm

Chemical Properties

Chemical Properties: White crystalline powder, granules or tablets (chlorine odor). Density: 0.95 g/cm³ (granular).