

Technical Data Sheet

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Item Name:

GTCC

PRODUCT INFORMATION

Chinese Name:	辛酸 / 癸酸甘油三酯
Commodity Name:	GTCC
Chemical Name:	Caprylic/ Capric Triglyceride
Other Name:	Mixed Decanoyl Octanoyl Glycerides
CAS No.:	73398-61-5
Molecular Weight:	500

PRODUCT DESCRIPTION

GTCC is widely used in food, medicine, cosmetic and other industries, and it has been proven that it is no harmful to human body. It makes your hair more shiny and soft with the add of this kind of product in hair care products. Because of low viscosity, it can be used as base material of moisturizing factor, stabilize, anti-freezer, homogenizing agent. It also can be used in lipstick, lip gloss and shaving cream. It changes dispersion and gloss of cosmetics. General recommended dosage: 1-15%.

Performance advantages: Low viscosity; Excellent moisturizer; No stimulation.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless transparent oily liquid
Iodine Value (g/100g)	≤1.0
Acid Value (as KOH) (mg/g)	≤0.1
Saponification Value (as KOH) (mg/g)	325 - 345
Specific Gravity (25°C)	0.940 - 0.955
Refractive Index (25°C)	1.446 - 1.450
Heavy Metal (as Pb) (mg/kg)	≤10
Arsenic (as As) (mg/kg)	≤2
Peroxide Value (mmol/kg)	≤1.0
Content ≥98%	C10 (30-35) C8 (65-70)

MAIN APPLICATION

Widely used in the industries of food, medicine, cosmetics. No pungency to human body.

Keep the skin smooth and lustrous. Make hair shining and smooth. Used as stabilizer, antifreezing agent in cosmetics. Used in lip stick, shaving cream to change the dispersibility and brightness of the cosmetics. Use level in common: 1~15%.

PACKING AND SHELF LIFE

Packing: PE drum: net wt 50kg, metal pail: net wt 200kg/190kg

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.