

Technical Data Sheet

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Item Name:

GMS 40

PRODUCT INFORMATION

Chinese Name:	单硬脂酸甘油酯
Commodity Name:	GMS 40
Chemical Name:	Glycerol Monostearate
Other Name:	Glyceryl Stearate, Monostearin
CAS No.:	31566-31-1
Molecular Weight:	358.56
Molecular Formula:	C ₂₁ H ₄₂ O ₄

PRODUCT DESCRIPTION

Off-white Yellowish cetaceous soiled, used as emulsifier and surface active agent in food or cosmetics, the lubricant for PVC transparent grain. HLB is 3.6-4.2.

Grade: Food Grade ZWST(2003)105; Main components: Fat, glycerin.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Milky white or light yellow wax-like solid
Free glycerin by wt %	7.0 max
Acid value (as KOH)/(mg/g)	5.0 max
Residue on ignition by wt %	0.5 max
As (mg/kg)	2.0 max
Pb (mg/kg)	2.0 max
Standard No.	GB1986-2007

MAIN APPLICATION

Additive for candy, emulsifier, or surface active agent.

Produce materials for cosmetics, balsam, cold cream and hair oil etc.

Excellent emulsifier for unguent.

Lubricant, releaser, antistatic in plastic processing.

Plasticizer of cellulose nitrate, modifier of alkyd resin, emulsion dispersant and accessory ingredient of synthetic wax.

PACKING AND SHELF LIFE

Packing: 25kg/woven bag

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.