

Technical Data Sheet

Version: 2.0
Page 1, Total 1

Date: 18 / 6 / 2026



Item Name:

EGMS

PRODUCT INFORMATION

Chinese Name:	乙二醇单硬脂酸酯
Commodity Name:	EGMS
Chemical Name:	Ethylene Glycol Monostearate
Other Name:	Alkamuls EGMS, Mackester EGMS, Pearlizer
CAS No.:	111-60-4
Molecular Weight:	328.53
Molecular Formula:	$C_{20}H_{40}O_3$

PRODUCT DESCRIPTION

EGMS is white to light yellow solid.

Melting point: 56-61°C; Boiling point: 149°C; Flash point: 240 °C; Density: 0.878g/cm³

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White to light yellow solid
Acidity	3.0 max
Saponification value	187 - 197
Iodine value	3.0 max

MAIN APPLICATION

An excellent pearl luster producing agent and opacifier for lotions, creams, shampoos, and hand cleansers.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner

Loading: 22mt/20'fcl w/o pallet, 18mt/20'fcl on pallets

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.