

Technical Data Sheet

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Item Name:

EGDS

PRODUCT INFORMATION

Chinese Name:	乙二醇双硬脂酸酯
Commodity Name:	EGDS
Chemical Name:	Ethylene Glycol Distearate
Other Name:	Glycol Distearate, 1 2-distearoyloxyethane, Kesso EGDS, Mackester EGDS, Pearlizer
CAS No.:	627-83-8
Molecular Weight:	594.97
Molecular Formula:	$C_{38}H_{74}O_4$

PRODUCT DESCRIPTION

Ethylene Glycol Distearate is synthesized from esterification of ethylene glycol and stearic acid.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White to light yellow solid
Acidity	≤ 6.0
Saponification value	190 - 205
Iodine value	≤ 2.0
Melting point by $^{\circ}C$	60-65

MAIN APPLICATION

Ethylene Glycol Distearate is an excellent pearl luster producing agent and opacifier for lotions, creams, shampoos, and hand cleansers.

The recommended dosage is 1.5%-2.5%.

PACKING, LOADING AND SHELF LIFE

Packing: 20kg PP bags 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.