

TEGO® SIS 40

Emulsifier and solubilizer for skin and bath care

- Co-emulsifier for the formulation of cosmetic W/O emulsions
- Spreading agent for bath oils
- Solubilizer for polar and non-polar oil mixtures

Personal Care

INCI name (CTFA name)

PEG-40 Sorbitanperisostearate

Chemical and physical properties (not part of specifications)

Form	liquid
HLB value	approx. 9

Properties

- TEGO® SIS 40 is a non-ionic product, based on vegetable raw materials.
- It has good emulsifying and solubilizing properties.
- TEGO® SIS 40 is recommended as co-emulsifier for W/O emulsification. In combination with other emulsifiers, W/O lotions and soft creams can be formulated.
- The amount used, referred to the emulsion, is 0.5 – 5.0 %.
- TEGO® SIS 40 forms stable emulsions especially with ester oils and non-polar oils e. g. mineral oil.
- TEGO® SIS 40 is a highly efficient spreading agent especially suitable for the formulation of self-emulsifying bath oils.

Application

TEGO® SIS 40 is suitable for

- W/O Skin care lotions and creams
- Bath products

Preparation

We recommend adding TEGO® SIS 40 together with the oil phase. Further manufacturing conditions correspond to the principles of common processing for W/O emulsions and bath products.

Suggested usage concentration

0.5 – 5.0 % TEGO® SIS 40

Packaging

800 kg pallet (4 x 200 kg drum)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

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