

TEGO® SML
TEGO® SMO V
TEGO® SMS
TEGO® STO V

PEG-free, non-ionic W/O emulsifiers

- PEG-free, non-ionic emulsifiers for the formulation of W/O emulsions
- Co-emulsifiers for O/W emulsions
- Based on vegetable raw materials

Personal Care

INCI names (CTFA names)

TEGO® SML	Sorbitan Laurate
TEGO® SMO V	Sorbitan Oleate
TEGO® SMS	Sorbitan Stearate
TEGO® STO V	Sorbitan Trioleate

Chemical and physical properties (not part of specifications)	TEGO® SML	TEGO® SMO V	TEGO® SMS	TEGO® STO V
Form	liquid	liquid	powder	liquid
HLB value	approx. 9	approx. 4	approx. 5	approx. 2

Properties

- TEGO® SML, SMO V, SMS and STO V are PEG-free, non-ionic emulsifiers based on vegetable raw materials.
- As lipophilic emulsifiers they are suitable for the formulation of W/O emulsions.
- In combination with other emulsifiers, e. g. TEGO® SMS 60, O/W creams and lotions can be formulated.

Preparation

We recommend melting TEGO® SML, SMO V, SMS or STO V together with the oil phase.

Further manufacturing conditions correspond to the principles of common processing for either W/O or O/W emulsions.

Application

TEGO® SML, SMO V, SMS or STO V is suitable for:

- W/O creams and lotions
- O/W skin care creams and lotions
- O/W Hand care creams
- Sun protection products
- Shower bath

Packaging

TEGO® SML
800 kg pallet (4 x 200 kg drum)

TEGO® SMO V
800 kg pallet (4 x 200 kg drum)

TEGO® SMS
600 kg pallet (24 x 25 kg bag)

TEGO® STO V
760 kg pallet (4 x 190 kg drum)

Hazardous goods classification

Information concerning

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

is given in our material safety data sheets.

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