

TEGO® SML 20

Product description

TEGO® SML 20 is a liquid, non-ionic polyoxy-ethylene-(20)-sorbitan monolaurate emulsifier.

Physical properties

Form (25 °C)	liquid
Appearance (25 °C)	clear, yellow
Colour number (Gardner)	0 – 6
Hydroxyl number	96 – 108 mg KOH/g
Saponification number	40 – 50 mg KOH/g
Acid number	max. mg KOH/g
Water	max. 3 %
Viscosity (25 °C)	~ 400 mPas

Application

TEGO® SML 20 is used as solubilizer for oils and dyestuffs, defoamer and antistatic agents in textile formulations.

Properties/Benefits

Due to its non-ionic nature the product is compatible with anionic, cationic and amphoteric surfactants. The biodegradable product has a good environmental behaviour. As co-emulsifier it shows synergistic effects with other surfactants.

Dosage

Dosage depends on the specific application and the needs their in.

Food contact status

European Regulation 10/2011 and amendments

TEGO® SML 20 can be used in compliance with the European Regulation 10/2011 on plastic materials and articles intended to come into contact with food.

BfR Recommendations and Consumer Goods Regulation

TEGO® SML 20 complies with the XIVth BfR Recommendation referring to the German Commodities Regulation. Polymer Dispersions that comply with the XIVth Recommendation may be further used as production auxiliary according to the BfR Recommendation XXXVI under B. I. 10.

FDA regulations

TEGO® SML 20 complies with 21 CFR 178.3400 (emulsifiers).

Registration Status

TEGO® SML 20 is listed in the following inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS and CHINA

Storage Stability

In original closed containers TEGO® SML 20 can be stored for at least 1 year.

Packaging

220 kg plastic drum (880kg each pallet)
1 050 kg container

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 case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, www.evonik.com/interface-performance