

## Product Specification

## TEGO® SML 20

**Product description**

TEGO® SML 20 is a liquid, non-ionic polyoxyethylene-(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.

**Microbial compatibility**

TEGO® SML 20 is biocompatible with microbial control agents like *Trichoderma spp.*, *Beauveria bassiana*, *Bacillus spp.*

**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 therein.

**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 (880 kg 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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