

Product Information

TEGO® SML 20

PRODUCT DESCRIPTION

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

Typical Properties

Property	Unit	Value
Appearance		Clear, yellow liquid
Color Gardner		0 - 6
Hydroxyl Value	mg KOH/g	96-108
Saponification Value	mg KOH/g	40-50
Viscosity at 25°C	mPa·s	400

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

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

Product Composition

Product Composition	Unit	Value
Water Content, max.	wt%	3

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- 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 coemulsifier it shows synergistic effects with other surfactants

DOSAGE

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

HANDLING & PROCESSING

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PACKAGING

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

SHELF LIFE

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

HAZARDOUS SUBSTANCE

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.

REGISTRATION LISTING SUMMARY

Per 40 CFR 180.910 TEGO SML 20 is exempt from the requirement of a tolerance when used in accordance with good agricultural practice as an inert ingredient in pesticide formulations applied to growing crops or to raw agricultural commodities after harvest.

TEGO SML 20 is OMRI (Organic Materials Review Institute) listed.

The relevant components of TEGO® SML 20 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
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Australia (AICIS)	Yes
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Canada (DSL)	Yes
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China (IECSC)	Yes
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European Union (EINECS/ELINCS)	Yes
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Japan (ENCS)	Yes
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Korea (KECL)	Yes
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Philippines (PICCS)	Yes
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United States of America (TSCA)	Yes
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FOOD CONTACT COMPLIANCE

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 Com-modities 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.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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