

Product Information

TEGO® SML

PRODUCT DESCRIPTION

TEGO® SML is a liquid, non-ionic sorbitan monolaurat emulsifier.

Typical Properties

Property	Unit	Value
Acid Value	mg KOH/g	5-7
Appearance		liquid
Color Gardner		max. 8
Hydrophilic-lipophilic Balance (HLB) Value		9.0
Hydroxyl Value	mg KOH/g	330-358
Saponification Value	mg KOH/g	158-170

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

TEGO® SML is used as emulsifier in a wide range of industrial applications, such as

- Cooling lubricants
- Agro chemicals
- Building chemicals
- Plastic applications

BENEFITS & ADVANTAGES

TEGO® SML is an emulsifier based on raw materials derived from natural origin, therefore

- TEGO® SML has good toxicological and ecological properties (water hazard classification = 1)
- TEGO® SML does not require any hazard warning labels in accordance with EG directives/German regulations on dangerous substances
- TEGO® SML has good dermatological properties (no skin irritation)

DOSAGE

TEGO® SML can be used in a wide range of different applications. Therefore the recommended treatment level can vary. Recommendations about dosage and handling are mentioned in the technical information of each field of application.

PACKAGING

1 000 kg container

SHELF LIFE

In original closed containers TEGO® SML can be stored at temperatures below 40°C 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

Based on the submitted information of our raw material suppliers we can confirm, that TEGO® SML is compliant with EC Regulation 1907/2006 (REACH).

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

Registration Listings

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

FOOD CONTACT COMPLIANCE

European Regulation 10/2011 and amendments

TEGO® SML can be used in compliance with the European Regulation 10/2011.

BfR Recommendations and Consumer Goods Regulation

TEGO® SML complies with the XIVth BfR Recommendation. 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 complies with 21 CFR 178.3400 (Emulsifiers and/or surface active agents).

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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