

Technical Information

TEGO® SMO 80 V

Product description

TEGO® SMO 80 V is a liquid, non-ionic polyoxyethylene-20 sorbitan monooleate emulsifier.

Physical properties

HLB (+ 1)	15
Form (25 °C)	liquid
Appearance (25 °C)	clear, yellowish
Colour number (Gardner)	≤ 7
Viscosity	approx. 400 mPas
Hydroxyl number	65 – 80 mg KOH/g
Water	max. 3 %

Application

TEGO® SMO 80 V is used as emulsifier in a wide range of industrial applications, such as

- Metal working fluids (MWF)
- Textile auxiliaries

Properties/Benefits

Used as emulsifier in lubricating formulations TEGO® SMO 80 V could improve the lubricating properties.

Dosage/Handling

TEGO® SMO 80 V is used in a wide range of different applications. Therefore the dosage level can vary.

Recommendations about dosage and handling could be given on request.

Food contact status

European Directive 2002/72/EC and amendments

TEGO® SMO 80 V can be used in compliance with Directive 2002/72/EC and its amendments.

BfR Recommendations and Consumer Goods Regulation

TEGO® SMO 80 V 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® SMO 80 V complies with 21 CFR 178.3400 (emulsifiers).

Registration Status

The ingredients of TEGO® SMO 80 V are listed in the following chemical inventories EINECS, TSCA, DSL, AICS, ENCS, ECL, PICCS, and CHINA

Storage Stability

In original closed containers TEGO® SMO 80 V can be stored at temperatures below 40 °C for at least 1 year.

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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