

Product Information

TEGO® XP 32156

Sophorolipid: A new Era of Surfactants

PRODUCT DESCRIPTION

TEGO® XP 32156 is 100 % biobased on locally sourced raw materials and is readily biodegradable. TEGO® XP 32156 is produced by a solvent free biotechnological fermentation process using natural yeast (GMO-free/GRAS status).

Typical Properties

Property	Unit	Value
Activity	%	40
Appearance		Liquid, yellowish
Chemical Name		Sophorolipids
Hydrophilic-lipophilic Balance (HLB) Value		11.5
pH Stability, in aqueous Solutions		5-8
Viscosity	- 500 mPa·s	50

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

The biosurfactant TEGO® XP 32156 exhibits a low toxicological and ecotoxicological profile and can be used for EU ecolabel formulations in general use as dispersing agent.

Sophorolipids are mixtures of a lactone and the corresponding acidic form. Their relative ratio determines the main properties and performance of a sophorolipid composition.

BENEFITS & ADVANTAGES

- Excellent properties regarding dispersion hydrophob particles especially grease and waxes
- Provides wetting benefits at moderate foaming
- Performance not effected by water hardness
- Very mild to skin
- Surfactant with very low carbon footprint
- Shows synergies with anionic, nonionic & amphoteric surfactants

HANDLING & PROCESSING

TEGO® XP 32156 is a liquid, easy to handle and cold processable product. It is soluble in water at pH 5 - 8 in all concentrations. At pH <5 it is dispersible in water.

PACKAGING

220 kg drum

1 100 kg container

STORAGE

The product as delivered can be stored at temperatures between 10 °C and 30 °C in the sealed original container for at least 12 months.

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

The relevant components of TEGO® XP 32156 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
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European Union (EINECS/ELINCS)	Yes
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United States of America (TSCA)	Yes
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Disclaimer

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