

Product Information

TEGO® XP 32242

Rhamnolipid: A new Era of Surfactants

PRODUCT DESCRIPTION

Our Rhamnolipid is 100 % biobased on locally sourced raw materials and produced by mild biotechnological fermentation process using a non-pathogenic organism.

Typical Properties

Property	Unit	Value
Activity	%	50
Appearance		Yellowish Liquid
Chemical Name		Rhamnolipid
Hydrophilic-lipophilic Balance (HLB) Value		28
pH Stability, in aqueous Solutions	- 11	5.5
Product Form		Liquid
Surface Tension at pH 5.5	mN/m	28.0
Surfactant Type		non-ionic to partially anionic

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

The biosurfactant TEGO® XP 32242 exhibits a low toxicological and ecotoxicological profile and can be used for EU ecolabel formulations.

General use as wetting agent and co-emulsifier for various applications, like ultra fast foam dyeing of all fabrics. Especially suitable for wool and cotton cleaning, where the mildness of the Rhamnolipid prevents fiber shrinkage during scouring processing.

BENEFITS & ADVANTAGES

- Excellent cleaning performance
- Provides wetting and emulsification benefits (at once)
- Reduces formula complexity
- Maximum Biodegradable (aerobic and anaerobic)
- Very mild to skin
- Excellent foaming power (foam control with TEGO® SQS 25 possible if needed)
- No cloud point
- Performance not effected by water hardness
- Sustainable preservation system
- pH-adjustable surface tension

HANDLING & PROCESSING

The product can be formulated as a primary surfactant. Here it shows powerful cleaning and solubilizing properties in a pH range between 5,5-11.

PACKAGING

30 kg can
210 kg drum
1 000 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 24 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 32242 are listed/
registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
China (IECSC)	Yes
European Union (EINECS/ELINCS)	Yes

Disclaimer

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