

TEGO® Foamex 20

2014/312/EU

Function

Defoamer and deaerator for waterborne formulations

Physical / Chemical properties

Please refer to our Technical Data Sheet as well as our Safety Data Sheet concerning relevant physical & chemical characteristics.

Content of hazardous components

TEGO® Foamex 20 contains following dangerous ingredients above 0.01% according to Regulation (EC) No. 1272/2008 [CLP] which are subject to restrictions according to Ecolabel (2014/312/EU) because of their GHS classification:

Chemical Name	CAS-No.	Content, %	Classification	Notes
Octamethylcyclotetrasiloxane (impurity)	556-67-2	<0.1	H226, 3, Flam. Liq. H361f, 2, Repr. H410, 1, Aquatic Chronic	listed as SVHC
Dodecamethylcyclohexasiloxane (impurity)	540-97-6	<0.1	-	listed as SVHC
Decamethylcyclopentasiloxane (impurity)	541-02-6	<0.1	-	listed as SVHC
Ethanol, 2-amino	141-43-5	approx. 0.2	H332, 4 Acute Tox. Inhal. H312, 4 Acute Tox. Derm. H302, 4 Acute Tox. Oral H314, 1B Skin Corr. H318, 1 Eye Dam. H335, 3 STOT SE H412, 3 Aquatic Chronic	
Conf.	conf.	<0.05	H319, 2 Eye Irrit. H400, 1 Aquatic Chronic H412, 3 Aquatic Chronic	
2-Pyridinethiol, 1-oxide, sodium salt (1:1)	3811-73-2	approx. 0.0351	H302, 4 Acute Tox. oral H312, 4 Acute Tox. derm. H332, 4 Acute Tox. inhal. H315, 2 Skin Irrit. H319, 2 Eye Irrit. H400, 1 Aquatic Acute H410, 1 Aquatic Chronic	biocide

1,2-benzisothiazol-3(2H)-one	2634-33-5	< 0.01	H302, 4 Acute Tox. H330, 2 Acute Tox. H315, 2 Skin Irrit. H318, 1 Eye Dam. H317, 1 Skin Sens. H400, 1 Aquatic Acute H411, 2 Aquatic Chronic	biocide
------------------------------	-----------	--------	---	---------

Absence of substances

We do not expect the presence of following substances within TEGO® Foamex 20:

- Isothiazolinone compounds:
 - 2-methyl-2H-isothiazol-3-one (MIT)
 - 2-octyl-2H-isothiazol-3-one (OIT)
 - 5-chloro-2-methyl-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one (CMI/MIT mix)
- 3-iodo-2-propynyl butylcarbamate (IPBC)
- N-(3-aminopropyl)-N-dodécylpropane-1, 3-diamine
- Zinc oxide
- Alkylphenoethoxylates (APEOs) and theirs derivatives
- Long chain perfluorinated surfactants :
 - Perfluorocarboxylic acids
 - Perfluoroalkyl sulfonates
- Metals and their compounds:
 - Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt
- Crystalline silica and leucophyllite minerals containing crystalline silica
- Phthalates:
 - DEHP (Bis-(2-ethylhexyl)-phthalate)
 - BBP (Butylbenzylphthalate)
 - DBP (Dibutylphthalate)
 - DMEP (Bis2-methoxyethyl) phthalate
 - DIBP (Diisobutylphthalate)
 - DIHP (Di-C6-8-branched alkyphthalates)
 - DHNUP (Di-C7-11-branched alkyphthalates)
 - DHP (Di-n-hexylphthalate)
- Volatile Aromatic Hydrocarbons
- Formaldehyde
- Halogenated solvents
- Adipic acid dihydrazide (ADH)
- Methanol

Nanomaterials

During the production of TEGO® Foamex 20 we use fumed silica. This ingredient is not a hazardous substance according to Regulation (EC) No. 1272/2008 [CLP].

Biocides

Please note that TEGO® Foamex 20 contains following biocides:

Substance	CAS-No.	Amount [%]
2-Pyridinethiol, 1-oxide, sodium salt (1:1)	3811-73-2	0.0351
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.0088

VOC (volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: < 1 g/l

SVOC (semi volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: < 1 g/l

REACH / SVHC

Please refer to Regulatory Data Sheet and EU-SDS on our homepage:
<https://www.coatino.com/en/product-list>

The information given above are based on and represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable).

Please note that Evonik Operations GmbH does not analyse whether the mentioned substances are contained, because the content of such substances is not part of our product specification or formulation.

We use raw materials of technical purity, therefore negligible amounts on the level of natural / technical impurities cannot be excluded.

In case of provided values these are considered to be typical concentrations and are not part of the product specification.

All provided information is based on our present knowledge and experience and is true and complete to the best of our knowledge and belief. However, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied.

In case of any questions concerning the provided information or if you need additional advice you are welcome to contact us:

Evonik Operations GmbH

Specialty Additives | Coating Additives

Goldschmidtstraße 100

45127 Essen

Germany

www.evonik.com

www.coating-additives.com

Please contact for region Europe, Middle East, Russia and Afrika
regulatory-coating-additives-europe@evonik.com

Please contact for region Americas
regulatory-coating-additives-americas@evonik.com

Please contact for region Asia, Australia and New Zealand
regulatory-coating-additives-asia@evonik.com