

Product Specification

SITREN AirVoid® 301

Product description

SITREN AirVoid® 301 is a silicone-free, low foaming, non-ionic organic surfactant.

Physical properties

Appearance	clear up to slightly yellowish liquid
Active matter	100 %
Viscosity (25 °C)	50 – 300 mPas
Density (25 °C)	0.990 – 1.010 g/cm ³

Application

SITREN AirVoid® 301 is a surface tension reducing additive specifically recommended for the defoaming of water-based polymeric systems such as polymer dispersion or superplasticizers such as lignosulfonates and polycarboxylate ethers (PCE).

Properties/Benefits

- Highly effective defoaming properties
- Highly compatible with water-based polymeric systems
- Excellent balance of system compatibility and foam control
- Solvent-free

Dosage and handling

The dosage of SITREN AirVoid® 301 may vary from 0.05 to 0.6 %, referred to the polymer, depending on the intended use. The optimal dosage should be evaluated in suitable tests prior to the final application.

SITREN AirVoid® 301 may be applied as delivered. For use in the formulation of concrete plasticizers we recommend an initial dosage of 0.25 %.

Registration status

The ingredients of SITREN AirVoid® 301 are listed in the following chemical inventories:

EINECS/ELINCS, PICCS

Further information is available on request.

Storage stability

SITREN AirVoid® 301 has a shelf life of minimum 12 months if stored in closed containers between 5 °C (41 F) and 35 °C (95 F)†

Packaging

Pallet à 200 kg
(8 x 25 kg plastic drums)
Pallet à 800 kg
(4 x 200 kg plastic drums)

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.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/interface-performance