

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.

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