

Product Information

SITREN AirVoid® 601

PRODUCT DESCRIPTION

SITREN AirVoid® 601 is a composition of anionic surfactants.

Typical Properties

Property	Unit	Value
Appearance		Clear, yellow liquid
pH Value		6.5-7.5

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

SITREN AirVoid® 601 is an air entraining agent for building materials such as concrete, mortars, gypsum etc.

Product Composition

Product Composition	Unit	Value
Solids Content	%	33-37

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

SITREN AirVoid® 601 provides the following benefits

- Increased freeze-thaw (salt) resistance of hardened concretes and mortars
- Improved durability of concrete
- Increased workability and dispersibility
- Lowers the fresh and final density of the building material – highly suitable for light weight structures
- High air entraining capacity
- Improved thermal insulation of construction materials
- Homogeneous air-void distribution with good long-time stability
- Predictable relationship between dosage and quantity of entrained air
- Suitable for the manufacturing of air entrained concrete according EC2 meeting the requirements for micro air content and spacing factor

DOSAGE

Depending on the application the required dosage may vary between 0.01 % - 0.5 % by weight of binder material. For more accurate dosing, pre-dilution with water is recommended.

HANDLING & PROCESSING

SITREN AirVoid® 601 is added to mixing water. It can also be dosed directly to the concrete at the end of the mixing process.

PACKAGING

Container à 1.000 kg

Drum à 200 kg (4 x 200 kg)

SHELF LIFE

SITREN AirVoid® 601 as delivered can be stored in closed containers for 12 months. The product has to be stored under frost-free conditions; storage temperature should not exceed 40 °C.

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

Based on the submitted information of our raw material suppliers we can confirm, that SITREN AirVoid® 601 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of SITREN AirVoid® 601 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
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Australia (AIIC)	Yes
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Canada (DSL)	Yes
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China (IECSC)	Yes
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EU (EINECS/ELINCS)	Yes
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Japan (ENCS)	Yes
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Registration Listings

Registry	Status
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New Zealand (NZIoC)	Yes
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Philippines (PICCS)	Yes
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Taiwan (TCSI)	Yes
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USA (TSCA)	Yes
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Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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