

Improving the handling of organic acids



How can you add a liquid organic acid into your dry premix? Combining it with our SIPERNAT® specialty silica is the answer!

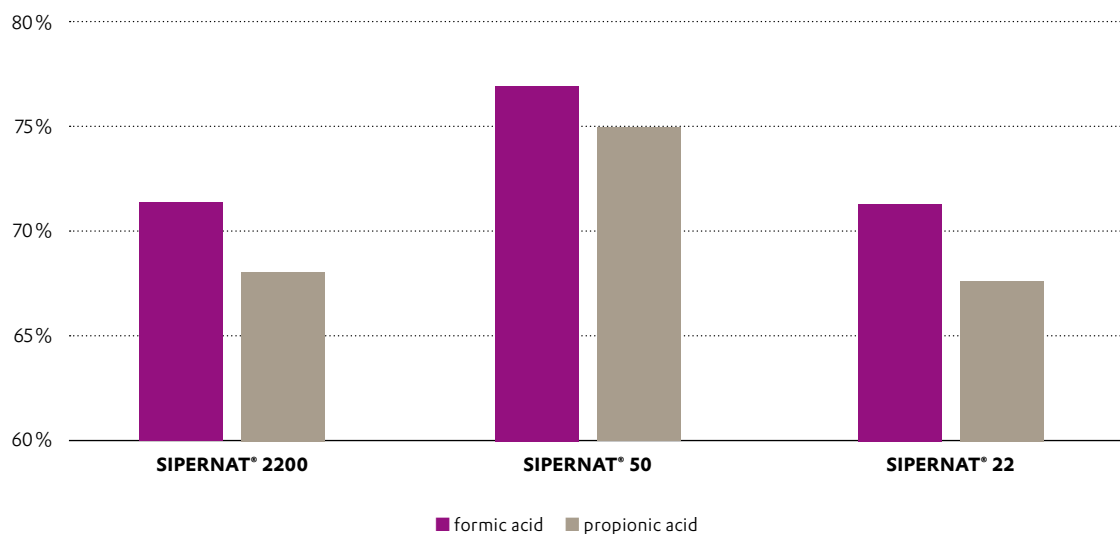
Good flowability in addition to a high loading of organic acid supports a smooth and efficient production of a homogenous premix. SIPERNAT® specialty silica is the perfect choice to carry high amounts of organic acids in its porous structure.

SIPERNAT® products turn liquid ingredients into free-flowing powders. In that way, they enable the production of highly concentrated absorbates and ensure good flowability of the absorbate at the same time.

Why use Evonik specialty silica as carriers for organic acids?

- Highly concentrated absorbates with excellent flowability
- Dust- free handling
- Very stable absorbates during processing
- Easy handling and dosing of organic acids
- Constant production processes without production down-times
- Homogeneous distribution of organic acid in premix

Diagram: Maximum absorption capacity of SIPERNAT® products/wt%



We offer a broad variety of SIPERNAT® specialty silica with different particle dimensions to adjust your premix individually.

PRODUCT	PARTICLE SIZE (µm)*	ABSORPTION CAPACITY
SIPERNAT® 2200	320	high
SIPERNAT® 22	120	high
SIPERNAT® 50	50	very high

The given data are typical values, Specifications on request.
 *d₅₀, laser diffraction following ISO 13320-1

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