

Sucralose

Sweet cover for a better taste





A sweetener that's to everybody's taste

Every once in a while, a product comes along that outperforms its competitors. Sucralose is that kind of product. As the only no-calorie sweetener to be made from sugar, sucralose has a clean, sugar-like taste and is 600 times sweeter than sugar on average (fig. 3).

What sucralose can do for you:

- Masks bitterness and medicinal off-notes – improves patient compliance
- Readily soluble – easy handling
- Inert compound – no chemical interactions
- Batch-to-batch consistency – reliable results
- Aqueous heat and pH-stability – enables stable formulations

Ideal solubility and effective taste masking

Sucralose is a readily soluble sweetener with aqueous heat and pH-stability that masks both bitterness and medicinal off-notes with equal ease. As safety studies have demonstrated, it is suitable for diabetics, people with glucose/fructose intolerance, pregnant women, and children. But sucralose has even more to offer: it's non-cariogenic, shelf and process stable (fig. 2), and synergistic with fructose and corn syrups too. That makes it a valuable ingredient in liquids as well as in solid formulations.

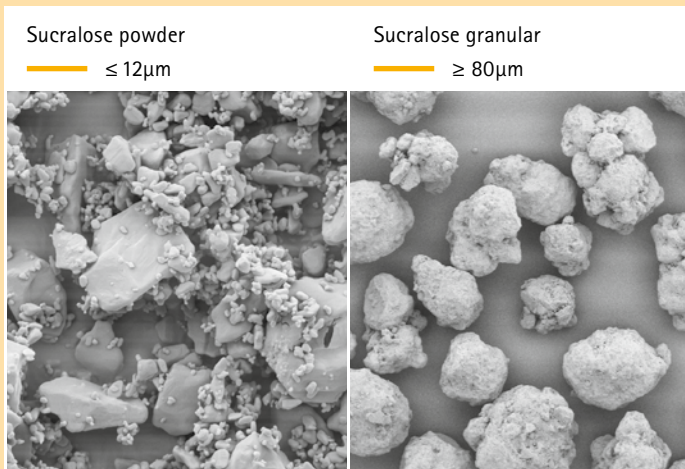


Fig. 1: Sucralose powder – most suitable for solid applications due to optimum dispersion.

Fig. 1: Sucralose granular – most suitable for liquid applications due to fast dissolution.

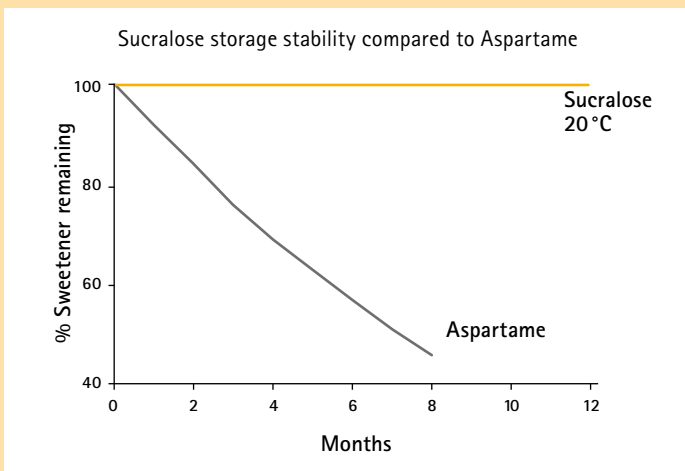


Fig. 2: Sucralose is exceptionally stable under normal environmental conditions and even under elevated temperatures.

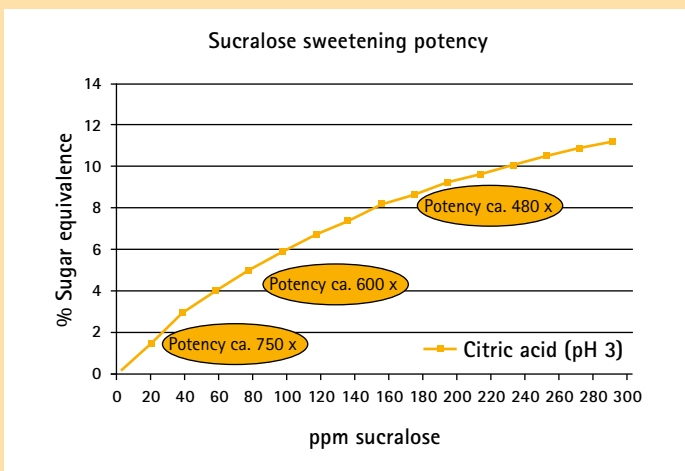


Fig. 3: On average, sucralose is 600 times sweeter than sugar (this graph shows the potency of sucralose depending on concentration).

No chemical interactions

Since sucralose is an inert compound, it does not interact with other ingredients and does not undergo Maillard reactions.

Batch-to-batch consistency

Sucralose is an innovative, highly intensive sweetener that is exceptionally well suited for pharmaceutical applications. Production processes are designed to ensure that we can offer you homogeneous batches and that your next batch is always of the same high quality as the previous ones.

International regulatory compliance

Sucralose has been approved by US FDA as a sweetener for food and has proven its value as a useful substitute. It complies with Ph. Eur.; USP NF monograph is established. EMD Millipore sucralose is produced under cGMP conditions. With its complete documentation, reliable quality, and superior product profile, EMD Millipore's no-calorie sweetener can simplify your production processes, while giving you the safety your products need.

EMPROVE® documentation

EMD Millipore markets sucralose as part of its EMPROVE® product range that combines particularly high quality with comprehensive documentation and excellent service. Before ordering sucralose, please ask your local business partner about our complete, ready-to-use EMPROVE® documentation for this excipient.

Ordering Information

1.00894.1001	Sucralose powder 90% ≤ 12 µm in a 1 kg packaging EMPROVE® exp Ph Eur, NF
1.00894.9011	Sucralose powder 90% ≤ 12 µm in a 10 kg packaging EMPROVE® exp Ph Eur, NF
1.00895.1001	Sucralose granular 90% ≥ 80 µm in a 1 kg packaging EMPROVE® exp Ph Eur, NF
1.00895.9011	Sucralose granular 90% ≥ 80 µm in a 10 kg packaging EMPROVE® exp Ph Eur, NF

The typical technical data above serve to generally characterize the excipient. These values are not meant as specifications and they do not have binding character. The product specification is available separately, from the website: www.emdmillipore.com

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

For more information and documentation
please contact:

Phone: +1-800-645-5476

Email: pcs.salessupport@merckgroup.com



EMD Millipore Corporation
290 Concord Road
Billerica, MA 01821
USA

www.emdmillipore.com

EMD Millipore and the M logo are trademarks of Merck KGaA, Darmstadt, Germany.
© 2012 EMD Millipore Corporation, Billerica, MA, USA. All rights reserved.