

Technical and Customer Services

TECHNICAL SERVICES

To discuss your specific development requirements, contact our highly qualified technical team who can assist you with product recommendations and technical advice. This service includes pricing, technical literature, product specifications, MSDS and sampling.

TECHNICAL SALES TEAM

A team of fully trained and experienced Technical Sales Representatives are available for face-to-face meetings throughout the UK and Ireland to manage your account and provide specialty product / market knowledge, technical assistance and pricing information.

SAMPLES

To support your developments we offer a free sampling service. Please contact us to discuss your sampling needs.

CUSTOMER SERVICE

To discuss product availability and order progression, contact our experienced and reliable customer service department.

FORMULATION SUPPORT

Our new UK based Application Laboratory has been set up to provide project support and formulation guidance.

RESPONSIBLE CARE

The Chemical Business Association (CBA) awards companies the right to use the CBA logo to indicate we are committed to and practising Responsible Care. Responsible Care is the industry's commitment to continuous improvements in health, safety and environmental performance.

CBA, 2007. Available from:
<http://www.chemical.org.uk>
(Accessed 18 February 2008).



ALFA

ALFA Chemicals Limited Sucragel

natural
emulsifier
oil thickener
cold process
preservative free
versatile
flexible
sugar based

ALFA

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"The products described in this brochure will revolutionise the way you formulate! Who would have thought that 100% natural ingredients could perform so well and produce such amazing textures? The secret is all in the blend..."



Sucragel

- > Vegetable origin
- > Safe and mild
- > Preservative free
- > 94% Organic version available
- > Easy to use
- > Cold process
- > Unique textures
- > Emulsifier and oil thickener

CONCEPT

Sucragel is based on a particular sugar ester, sucrose laurate, which is one of the most interesting and versatile sugar esters, but also one of the most difficult to use. By blending this product into a base with recognisable, natural ingredients, a truly functional product results.

Sugar esters are made by combining sucrose with a fatty acid via an esterification reaction. There are many grades available and they are used in the food, pharmaceutical and cosmetic industries. They are predominantly used as emulsifiers, although they do have other unique properties, such as being able to form stable oily gels which emulsify on contact with water. They are extremely mild and have a long history of safe use. Sucrose laurate is suitable for use in organically certified products.

APPLICATIONS

- Oily gels** – clear or opaque, turn to milk with water
- Bath oils** – just add fragrance or essential oils
- Spa products** – can make scrubs, massage oils, masks
- Baby products** – safe and mild
- Cleansers** – remove oil effectively and wash off easily
- Creams and lotions** – can use a cold process
- Lip balms** – high loading of oils and waxes

There are countless other possibilities!

USAGE GUIDELINES

Sucragel is an emulsifier and oil thickening agent; it can also be used on its own. It has been developed for use at room temperature but can be used at elevated temperature if needed (up to 80°C). Always add the oil phase into the Sucragel first and if needed, add the water phase afterwards. Use Sucragel between 6% and 99%.

Sucragel CF

- > *INCI: Caprylic/Capric Triglycerides & Glycerine & Aqua & Sucrose Laurate*
- > Colourless clear liquid
- > Compatible with esters and non-polar oils

Caprylic/capric triglycerides has been chosen for its good physical properties and vegetable origin. This grade can be used with most esters and non-polar oils to obtain crystal clear gels. It can also be used to make milks, lotions and creams by adding an oil phase followed by a water phase.

Sucragel AOF

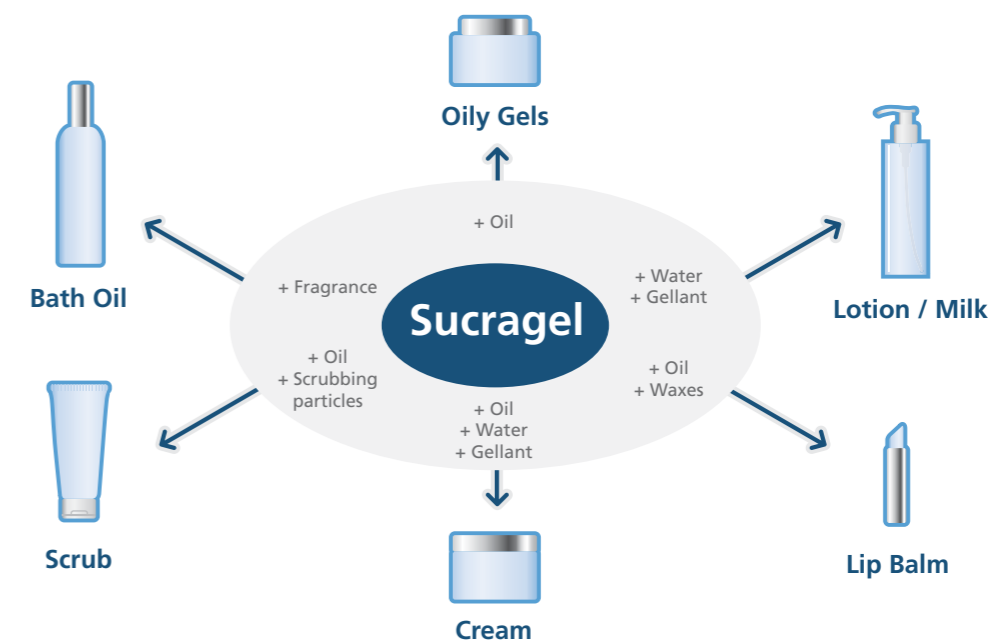
- > *INCI: Prunus Amygdalus Dulcis (Sweet Almond) Oil & Glycerine & Aqua & Sucrose Laurate*
- > Slightly yellow clear liquid
- > Compatible with most vegetable oils

Sucragel AOF is based on sweet almond oil and is recommended for use with vegetable oils to obtain clear oily gels. It can also be used to make milks, lotions and creams by adding an oil phase followed by a water phase.



NEW Sucragel AOF BIO

Sucragel AOF is now available made with 94% certified organic ingredients. Sucragel AOF BIO is certified by the Soil Association and has all the same properties as Sucragel AOF.



A formulary is available on request.

Other versions of Sucragel are available on request.