

## KIMICA ALGIN ICE CREAM



### Texture Improver

#### KIMICA ALGIN M702

Gives a melt-in-your-mouth and light texture (a frozen dairy dessert with milk-solids content of 3% or greater).

#### KIMICA ALGIN M502

Provides a rich, smooth and pleasant texture (a frozen dairy dessert with milk-solids content of 10% or greater).

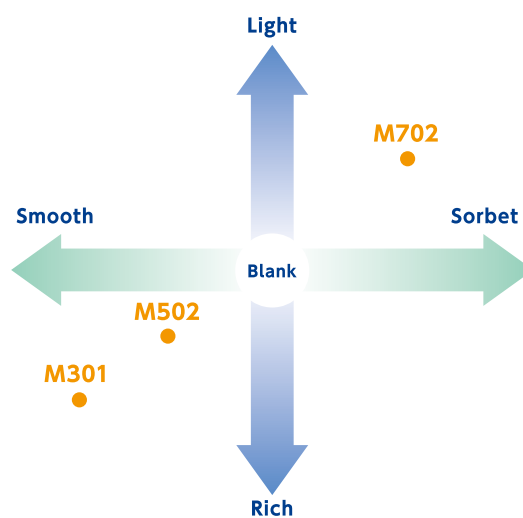
#### KIMICA ALGIN M301

Creates a very rich and smooth texture (a frozen dairy dessert with milk-solids content of 15% or greater).

### Recipe

Ingredients	Amount(%)
Milk	61.10%
Whipping Cream	19.50%
Skim Milk Powder	4.05%
Sugar	15.10%
KIMICA ALGIN	0.25%
<b>TOTAL</b>	<b>100.00%</b>

### Mouth feel



# Marine Biopolymers Alginate

Alginate is a natural polysaccharide unique to brown seaweeds such as kelp. It is widely used in various fields, such as food, pharmaceuticals, cosmetics, and textile printing, as an essential material for promoting people's health and enriching their lives.

Alginate in the seaweed forms sea minerals and salts, filling the intercellular spaces in a gentle jelly-like state. The flexibility of swaying seaweed in the ocean is attributed to the distinctive properties of alginate. Accounting for 30-60% of the dried seaweed, alginate can be described as a natural dietary fiber, often referred to as the "primary component of seaweed."

KIMICA's alginate is gaining a reputation as a "sustainable material" extracted from brown seaweed that has completed its lifecycle and washed up on the shore, using a production method which maximizes the utilization of natural energy.

## KIMICA Alginate – a highly valued, sustainable material.



**KIMICA Corporation** [www.kimica-algin.com](http://www.kimica-algin.com)

2-1-1 Yaesu, Chuo-ku, Tokyo 104-0028 Japan Tel. +81-3-3548-1941 E-mail [tokyo-office@kimica.jp](mailto:tokyo-office@kimica.jp)



2024.09

The information provided is for your consideration and independent verification. We do not guarantee its accuracy or suitability, and any decisions or claims made based on this information are your responsibility.