



Diutan gum was discovered in a marsh in Eureka, CA where redwood trees are abundant.

# KELCO-CARE™ Diutan Gum

The naturally derived stabilizer for highly sophisticated skin care, sun care and color cosmetic formulations.

- High suspension in low-to-medium viscosity systems
- Silky sensory benefits without drag or stickiness
- Easy handling and cold processable



A HUBER COMPANY

Lubrizol has a global agreement with CP Kelco® to bring KELCO-CARE diutan gum to the beauty and personal care markets.

## A Key Ingredient in Lubrizol's Nature-Based Portfolio

To better help you exceed your sustainability goals and consumer expectations, we're continually enhancing our portfolio of nature-based alternatives. These top-performing, aesthetically pleasing ingredients are made with the highest level of expertise, quality and eco-consciousness possible. Lubrizol is proud to include KELCO-CARE™ diutan gum products in our growing portfolio.

### Features and Benefits

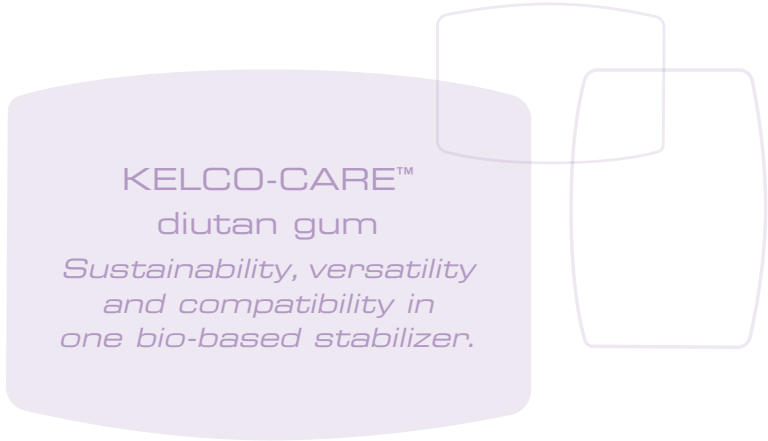
- Silky sensory, no drag or stickiness
- No residue left on skin after application
- Compatibility with wide range of emollients and UV filters
- Easy handling and cold processable

## Description

Diutan gum is a microbial polysaccharide obtained by fermentation. Like xanthan gum, diutan gum produces highly pseudoplastic rheology, but adds the silky sensory benefit, suspension capability and electrolyte resistance offer the possibility to formulate high-performance products, even at low use level. The exceptional efficiency of this naturally derived and non-ecotoxic stabilizer also rely on the easy handling of dispersion and cold processability.


## Applications

KELCO-CARE™ diutan gum is particularly well-suited for emulsions, foams and suspensions.



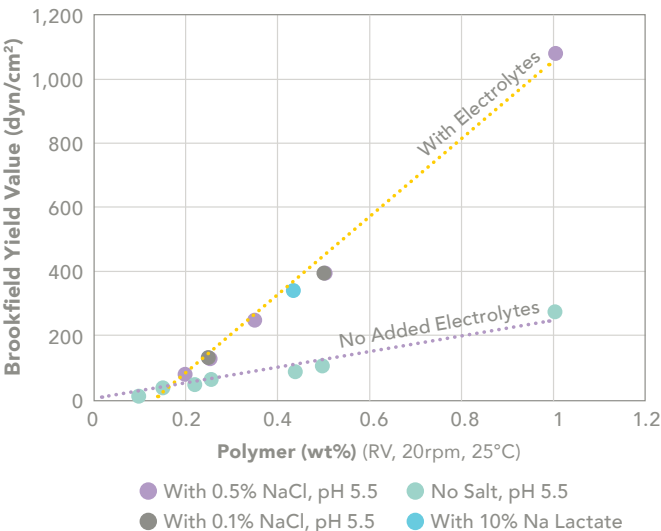
## Naturally Derived Solution – KELCO-CARE™ diutan gum

The naturally derived stabilizer for highly sophisticated skin care, sun care and color cosmetic formulations.

 <p><b>INCI</b></p> <p>Sphingomonas ferment extract</p>	 <p><b>RCI</b></p> <p>.95</p>	 <p><b>RECOMMENDED USE LEVEL</b></p> <p>0.05 - 0.5 wt% as supplied</p>	 <p><b>PROCESSING TEMPERATURE</b></p> <p>Cold processable</p>	 <p><b>SHELF LIFE</b></p> <p>36 months</p>
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## Suspension: Synergy with Salts

Improved suspension with electrolytes. The suspending properties of diutan gum are enhanced with low concentration of ions and diutan maintains its suspension ability and compatibility at higher salt concentrations.



## A Light Sensory Benefit with No Residue and Limited Stickiness

Sensory test performed by 5 expert panelists on mucilage of equivalent viscosity.

