

# A Legacy of Quality

Founded in 1851, Louis Dreyfus Company is a global merchandizer of commodities and processor of agricultural goods, operating in more than 100 countries with approximately 17,000 employees worldwide. The company's activities span the entire value chain from farm to fork, across 10 platforms and a significant network of assets around the world.

## CARBON SOLUTIONS

Driving LDC's decarbonization efforts and solutions across our global operations and value chains.



## COFFEE

Merchandizing all major Arabica and Robusta varieties of green coffee, specialty, instant and roasted coffee.



## COTTON

Sourcing ginned cotton, pima and extra-long staple, from all major producers and serving key consumers worldwide.



## FOOD & FEED SOLUTIONS

Offering value-added, nature-based ingredients such as lecithin and glycerin, as well as edible oils and specialty feed proteins.



## FREIGHT

Operating a chartered ocean fleet of around 250 vessels, serving both LDC's operations as well as third parties, thanks to an extensive network and our involvement in major trade flows.



## GLOBAL MARKETS

Navigating foreign exchange risk and managing structured trade finance activities, supporting our business worldwide.



## GRAINS & OILSEEDS

Originating, storing, transforming and merchandizing a wide range of grains, oilseeds and their by-products:

Soy (beans, meals and oils), camelina, canola, rapeseed, cottonseed, sunflower seeds, peanuts, palm meals and oils (crude and refined, bulk and bottled), wheat, white and yellow corn, dried distillers' grains, ethanol, fertilizers, inputs and seeds.



## JUICE

Originating, processing and merchandizing orange, lime, lemon and apple juices, natural citrus flavor and fragrance ingredients, dry peel (for pectin extraction) and citrus pulp pellets (for animal feed).



## RICE

Merchandizing and securing supplies of the world's most significant staple food crop, including paddy, brown, milled and parboiled and premium rice (bulk and packaged).



## SUGAR

Supplying beet, cane raw, Crystal and refined sugar, as well as ethanol, to key consumer markets.



## COMMERCIAL OFFICE

GVA Centre, 29,  
Route de l'Aéroport - Geneva Switzerland

## INDUSTRIAL SITE

Rod. Armando De Salles Oliveira, Sn, KM 396  
14707-900 - Bebedouro/SP  
Brazil

 [www.ldc.com](http://www.ldc.com)

 [@LouisDreyfusCompany](https://www.youtube.com/LouisDreyfusCompany)

 [@WeAreLDC](https://twitter.com/WeAreLDC)

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# Natural Citrus Flavor & Fragrance Ingredients



YOUR  
TRUSTED  
PARTNER

SINCE

1851



As one of the world's largest citrus processors, we use 100% of the fruit we process to capture high-quality, natural cold pressed citrus oils and essences, folded oils, fractions and terpenes.

LDC is a fully integrated manufacturer, so our clients' products benefit from full traceability from raw materials to the final product. From farmers to processors, product developers, merchants and distributors, we monitor our products across the supply chain, right to the end customer.

Our team leverages more than 35 years in the citrus business, and a global commitment to sustainable practices, to offer our customers fresh, unique and responsibly produced citrus fruit flavor profiles, through our natural FTNF (From the Named Fruit) ingredients portfolio.

Thanks to our high-tech equipment and expert team, our citrus oils can be concentrated by vacuum distillation, resulting in intensified aromatic properties and powerful flavor and fragrance notes.

These valuable ingredients are commonly used in various applications such as food, beverages, pharmaceutical and cosmetics products.

LDC Citrus F&F Ingredients Advantages

High-quality products

- 100% natural Brazilian origin FTNF citrus ingredients
- Careful fruits selection for top quality products
- Rigorous quality control throughout all production steps
- Tailor-made products developed by our R&D team

Upstream integration

- Fully integrated, reliable and traceable supply chain
- 30,000+ ha of own managed certified orchards
- Efficient and state-of-the-art industrial & logistic operation
- Transparent and “open door” operations - come visit us!

Sustainability

- Best practices disseminate to our network of fruit growers
- Zero-deforestation commitment
- Safe and inclusive working place
- Sustainable operations verified by third-party assurance:



ra.org



saiplatform.org/fsa

Our Natural Citrus Flavors and  
Fragrances Ingredients Portfolio

Oils and essences

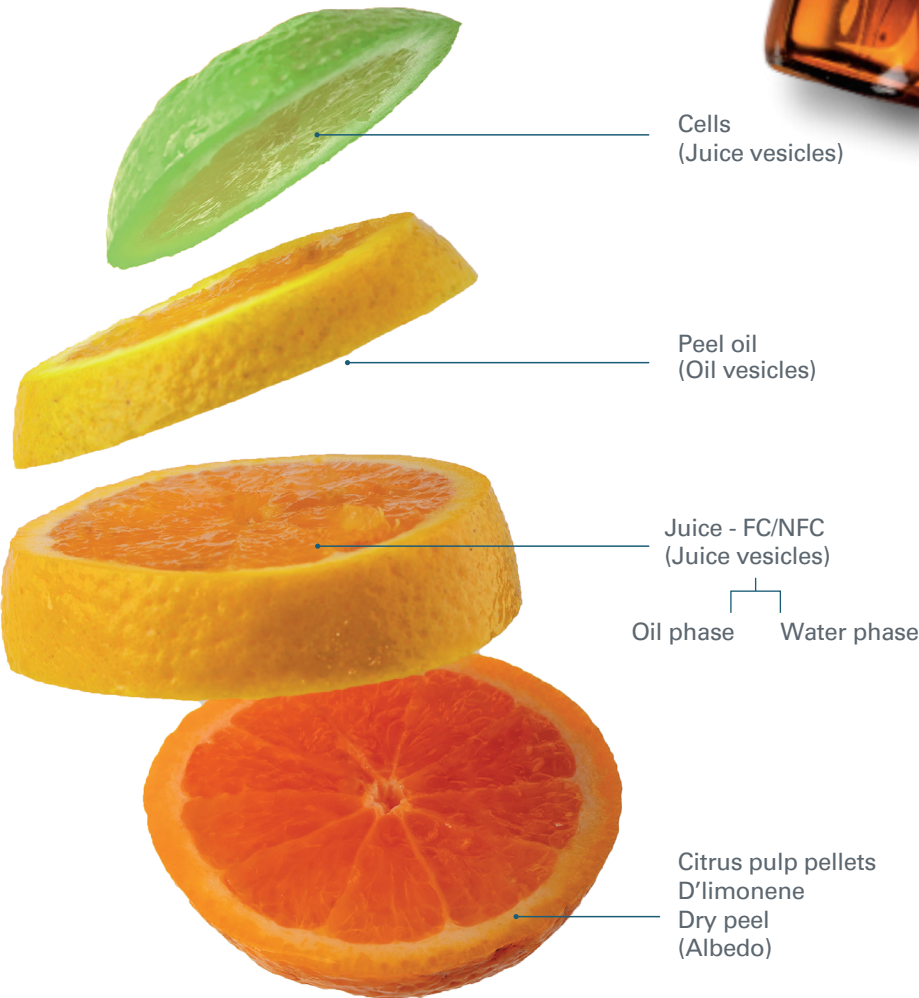
- Orange Oil
- Orange Oil Phase
- Orange Water Phase
- Citrus Terpene (D-Limonene)
- Lemon Oil
- Lime Oil (Tahiti)

Terpenes

- Orange Terpene
- Lemon Terpene
- Lime Terpene

Folded oils and fractions

- Orange Oil 5-fold
- Orange Oil 10-fold
- Orange Oil 20-fold
- Orange Oil Phase 10-fold
- EB-fraction 1% Ex Orange
- Limonene 98%
- Valencene
- Lemon Oil 5-fold
- Lime Oil (Tahiti) 5-fold

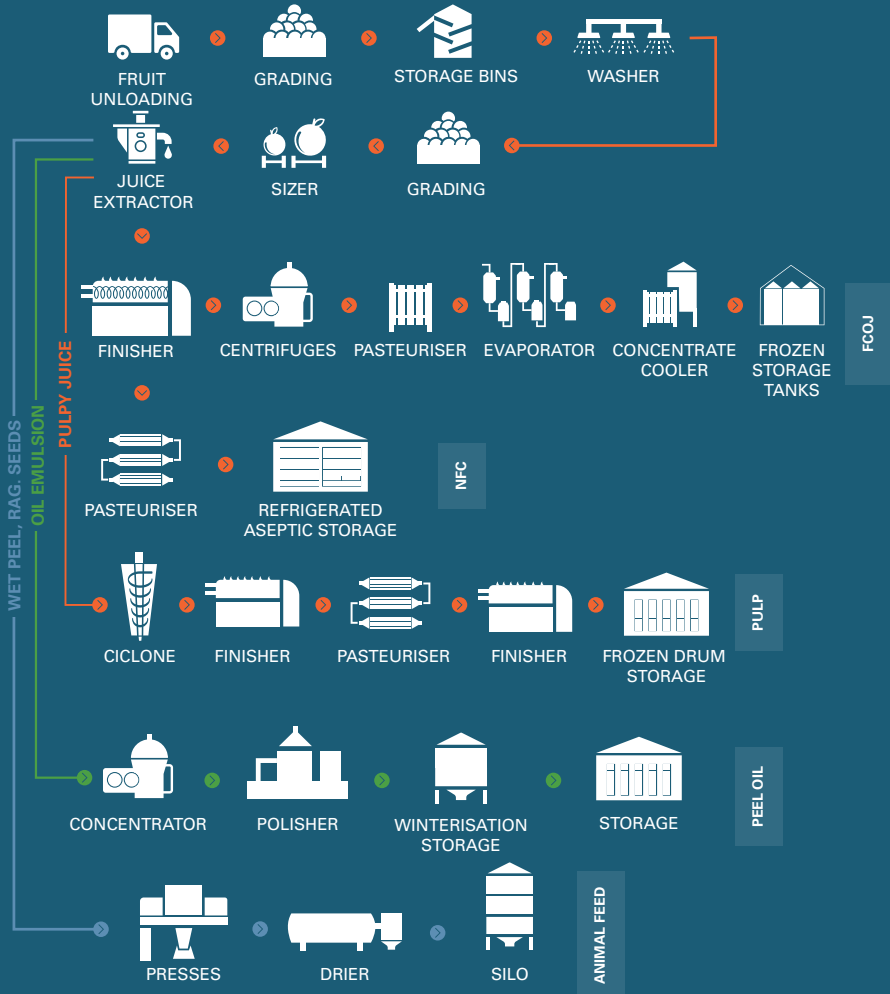


Production Process

PROPORTIONS



STEPS



To learn more about LDC's citrus ingredients products, request samples, price quotes, or share your specific needs for joint development, please contact us today:

[citrus-ingredients@LDC.com](mailto:citrus-ingredients@LDC.com)