



THE D-LIMONENE ALTERNATIVE

Safe

Non-Sensitizing

No Flash or VOC

Little or No Odor

Powerful

Fast Acting

Renewable

Biodegradable

GFBiochemicals is the first company to produce levulinic acid and its derivatives directly from biomass at commercial scale.

- > GFBiochemicals products offer price stability, stable supply, and economy versus D-limonene
- > Versatile performance in formulations from pH 2-8
- > Powerful grease cutting at neutral pH
- > Replaces D-limonene, kerosene, other terpenes, and petroleum based hydrocarbon solvents
- > No supply price or safety issues

REMOVES TOUGHEST DIRT

- > Asphaltene
- > Oil & Tar
- > Grease
- > Gum
- > Paint & Ink
- > Adhesives
- > Mastics
- > Drilling Mud

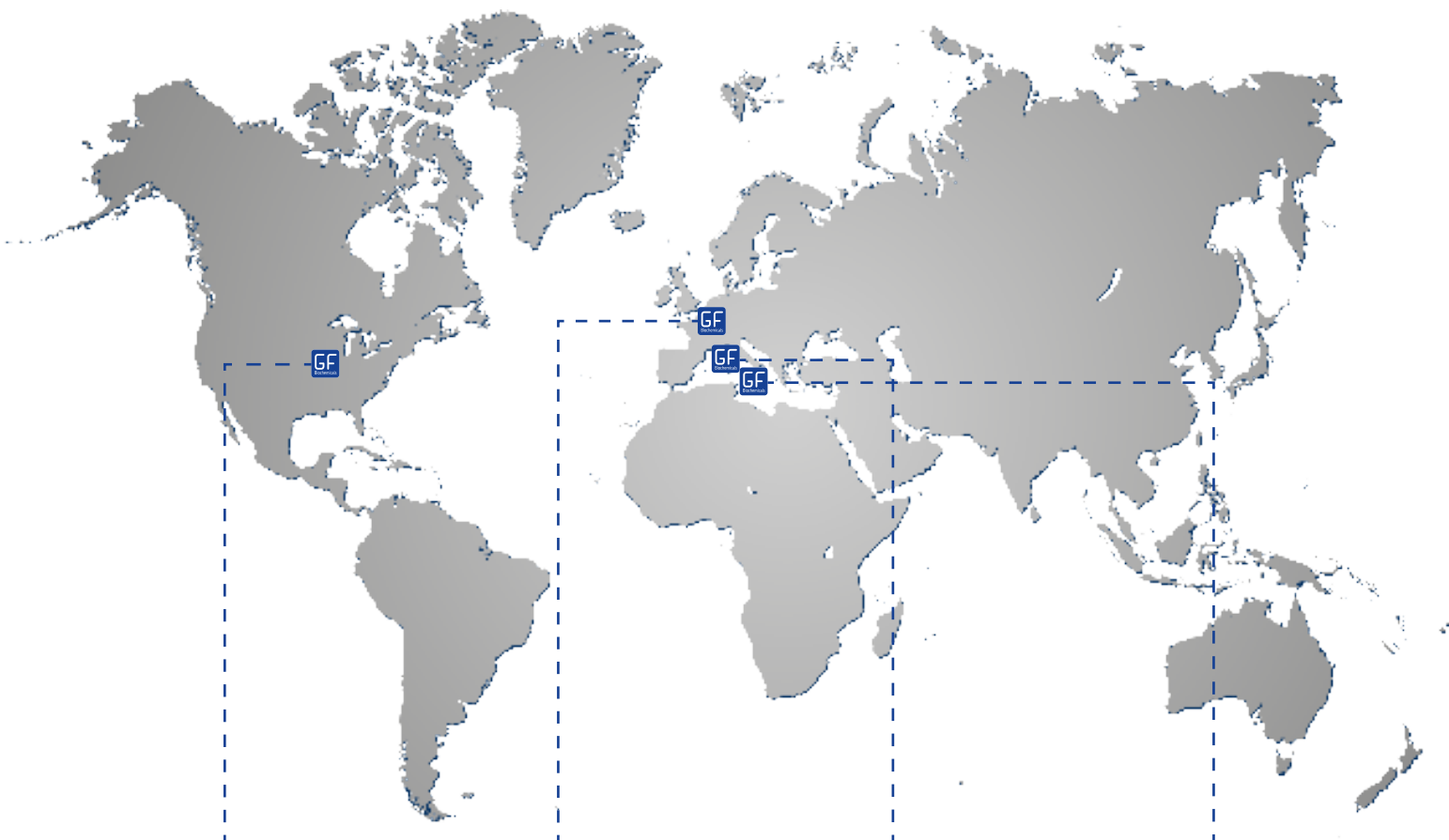
LOOSENS & DISSOVLES RESINS

- > Acrylic
- > Urethane- TPU
- > Urethane- Alkyd
- > Epoxy
- > Phenoxy
- > Cellulose Acetate
- > Pollyvinyl Acetate
- > Various Pigments

DEGREASES & CLEANS

- > Common Dirt & Grime
- > Industrial Grease
- > Lubricating Grease
- > Oils: Petroleum
- > Oils: Vegetable
- > Drilling Fluids
- > Stains

OUR LOCATIONS



**PRODUCTION PLANTS
R&D AND SALES**

Minneapolis, Minnesota, USA



R&D AND SALES

Geleen, the Netherlands



HEADQUARTER

Milan, Italy



PRODUCTION PLANT

Caserta, Italy

The Company has a unique set of proprietary technologies that allow levulinic acid production with a one-step process directly from a wide range of cellulosic feedstock; its technologies lead to a combination of high product yields, high productivity, concentrated process streams and efficient recovery.



GFBiochemicals.com
info@gfbiochemicals.com
+39 344 237 9251

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