

# Process of production of new fatty aminoalcohols (NT010)

The technology allows the synthesis of new biobased monomers containing both amine and alcohol functions in a one step reaction from unsaturated vegetable oils (rapeseed, sunflower, castor oils...).

**Keywords:** Triglycerides, Self-emulsifying catalysis, Trifunctional Monomer

**Intellectual property:** WO2016/128390

## > Presentation of the technology

- Functionalization of unsaturated chains of triglycerides by amino and alcohols groups
- Wide range of products tuning the experimental conditions
- Adjustable proportions of amino/alcohol groups
- Solvent free or biphasic synthesis opportunity

## > Competitive advantages

- High selectivity and conversion
- Low catalyst loading
- Soft conditions
- "One-pot" synthesis
- Recyclable catalyst
- Oleochemistry

## > Applications

- Polyurethanes
- Lubricants
- Plasticizers
- Surface-active agents
- Detergency...

## > Development stage

- Technology validation in laboratory environment
- Samples available

1 2 3 **4** 5 6 7 8 9

## > Development opportunities

- Scaling-up development
- Extension of product line
- Partnerships for product development

## > Technical specifications

