



Meet  clariter

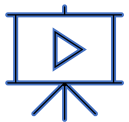
2024

Clariter

Ends the life of plastic waste by transforming it into new ultra-pure, high-value products, which can replace fossil-based petrochemicals in thousands of industrial applications

While most other technologies recycle plastics back into plastics, or to energy or fuel...

Clariter does what nobody else does – creates new green petrochemical products for industry.



The global plastic waste epidemic

**8.3B tons
of plastic were
produced since
its invention**

400M tons of new plastic are produced annually.
By 2050 this will more than double.

**Of all plastic
ever made,
70% was used
only once**

Of which:

79% discarded

Landfilling and dumping

12% incinerated

9% recycled

**Our oceans
contain
~150M tons of
plastic waste**

+ 12M tons added
each year

An unmatched offering

**Sustainable, pure
chemicals with
unlimited applications**



**Circular, electrified
production with zero
reliance on crude oil**



ClariProducts

Quality and Value

Our products meet the highest industry requirements, including FDA standards, and cosmetic & pharmaceutical purity levels.

Free from sulphur, double-bonds, aromatics, color, and impurities.

Attractive €22 billion market potential



Clariwax®



€12bn market



4% CAGR

12% Sustainable CAGR

- Food packaging
- Candles
- Auto tech
- Furniture & leather



Oilter®



€4.7bn market



4% CAGR

12% Sustainable CAGR

- Lubricants
- Cosmetics
- Personal care
- Li batteries



Solventra®



€5.2bn market



3% CAGR

12% Sustainable CAGR

- Pharmaceuticals
- Paint and ink
- Pesticides
- Cleaning & Detergents

Unlimited options for sustainable, high-value applications

Our Patented Process

Stage 1

From plastic waste feedstock to pyrolysis oil

Shredded, washed and dried plastic waste is fed into a pyrolysis reactor, heated in an oxygen-free environment, and converted into pyrolysis oil

Stage 2

Hydro-treatment of pyrolysis oil

Pyrolysis oil is treated with hydrogen, saturating the double bonds, turning aromatics to aliphatics, generating a pure hydrocarbon mix

Stage 3

From hydrocarbon mix to high-value end products

Refined hydrocarbon mix is fed into a series of distillation columns, distilled by boiling range and blended into 3 families of products



Our Unique Products



Oilter®

White mineral oils



Clariwax®

Snow-white paraffin wax



Solventra®

Aliphatic solvents

Clariter's competitive edge

High 80–85% Product Yield

A market leading primary product yield driving an efficient, highly profitable process

Achieving ~100% Utilization Rate

We harness off-gases to reduce energy consumption and carbon emissions

Residue becomes a sellable byproduct

Highest Compliance & Purity Standards

Our products meet:
Industrial Standards

Cosmetic &
Pharmaceutical
purity levels (REACH)
FDA food-contact grade

Seamless product replacement

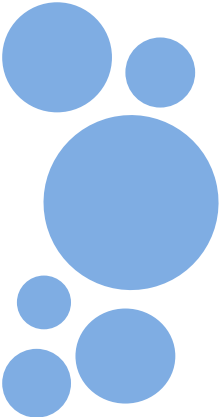
Production lines can easily be shifted from fossil-based petrochemicals to our products

Distinguishing Clariter from other bio-based alternatives

Broad Plastic Acceptance

Our process accepts most plastic types, including mixed and contaminated

More flexible than conventional recycling technologies



De-carbonization & emissions reduction leaders

1 ton of Clariter products will save 2 tons of CO₂ emissions

1 ton of plastic waste upcycled by Clariter contributes to avoiding 2 tons of CO₂ emissions

100K tons emissions saved Per year

75KT emissions abated from **avoided plastic disposal**

25KT emissions abated by **low carbon production** of sustainable petrochemicals

Displacing 4.2K barrels per day of crude

Clariter contributes to direct & complementary displacement of crude

Lowering reliance on crude oil

Potential add-ons carbon / plastic credits

1 ton of CO₂
~\$2-50 per ton

1 ton of plastic
~\$100-500 per ton

Circular economy enabler

Working with the Best



Morgan Stanley



L'ORÉAL



McCANN



Clariter's Journey



2003

Lab
9m²



2006

R&D Pilot
Plant
Poland 300m²



2009

IP breakthroughs
6 patents
secured



2018

Industrial
Demo Plant
South Africa
15,000 m²



2025

Commercial
Scale-up Plant
Designing and
building our 1st plant

Exploring Opportunities

We go beyond conventional commercial collaboration; our focus lies in aligning interests, sharing expertise, and pioneering groundbreaking innovations together



Joint Development

- R&D
- Product, raw materials, and applications development
- New markets development



Investment

- Investment in Clariter
- Investment in Clariter facility



ESG Impact

- Tackle global plastic waste challenge
- Decarbonization
- Circularity
- Reduce Reliance on Crude



Commercial Partnership

- Offtake Agreements
- Intake Agreements
- Equipment & Services
- Utilities: gas, electricity, hydrogen, etc.



Let's connect!

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