



CocoClean – Natural Coconut Fiber Absorbent

What is CocoClean?

CocoClean is a 100% natural, biodegradable, and eco-friendly absorbent made from coconut fiber. The raw material undergoes a mechanical process to maximize its performance in industrial environments – a sustainable alternative to synthetic or mineral-based absorbents.

Properties and Technical Specifications

- Composition: 100% vegetable coconut fiber
- Moisture content: <10%
- Density: 125 kg/m³
- Absorption capacity: Up to 8 times its own weight
- Biodegradable: Yes (100%)
- Chemical-free and non-toxic
- Effective binding of oils, hydrocarbons, and other liquids

Absorption Capacity by Liquid Type

Liquid Type	Absorption Capacity (times its weight)
Water	5–8 times
Industrial Oils	6–10 times
Hydrocarbons (diesel, petrol)	6–12 times
Organic Solvents	4–9 times
Weak Acids (e.g. acetic acid)	4–7 times
Weak Bases (e.g. sodium hydroxide)	3–6 times

Applications

- Spill control in oil and mining industries
- Manufacturing industry and workshops
- Cleaning of work surfaces and machinery zones
- Handling of hazardous waste
- Environmental control in industrial zones

Product Format

- Bags of 50 liters / 5 kg
- Other volumes and packaging available upon request

Advantages of CocoClean

- High performance – up to four times more effective than mineral absorbents
- Eco-friendly – 100% biodegradable and natural
- Cost-effective – less volume needed, easy to handle after use
- Safe – non-flammable, dust-free, non-slip
- Easy to apply and collect – no special tools required
- Lightweight – simplifies transport and handling
- Reduces environmental impact – less waste, lower carbon footprint

Safety and Storage

- Store in a dry, well-ventilated area
- Avoid prolonged exposure to moisture
- Non-flammable (certification EN ISO 1716:2018 in progress)
- Shelf life: Over 24 months if stored correctly

What Customers Value About CocoClean

Safety

- Non-flammable
- Dust- and slip-free
- Safe for use near hot machinery or oil spills

Environmental

- Biodegradable
- Lower waste volume
- Reduced environmental load during transport

Performance and Cost Efficiency

- Less product needed for the same effect
- Lower waste management costs
- Higher efficiency means better total cost

Ease of Use

- Can be applied by hand, with a shovel or broom
- No special equipment required
- Keeps the work environment clean and safe

Compliance and Documentation

- Safety Data Sheet (MSDS)
- Technical documentation and testing
- Clear instructions for use and disposal

Absorbent Comparison Table

Overview comparison of performance, environmental impact between CocoClean and two commonly used types of absorbents

Property	CocoClean	Mineral-Based Absorbent	Synthetic Absorbent
Absorption Capacity (oil)	6–10× weight	1.5–2× weight	4–6× weight
Absorption Capacity (hydrocarbons)	6–12× weight	1.5–2× weight	5–7× weight
Material	100% coconut fiber	Clay mineral / diatomite	Polypropylene / plastic
Biodegradable	Yes	No	No
Non-flammable	Yes	Yes	No (varies by type)
Environmental Impact	Low	High	High

