

ALGAE-BASED

ALGinate FOIL

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RENEWABLE - VEGAN - COMPOSTABLE

MADE OF BY-PRODUCT OR WASTE, REUSABLE



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INGREDIENTS & TOOLS:

- Sodium alginate - 12 g
- Water - 400 g/ml
- Glycerine - 20 g
- Sunflower oil - 10 g
- Calcium chloride solution 10%

Tools: scale, spoon, blender, jar with lid, spray bottle, acrylic sheet, squeegee, painting tape, kitchen paper

THIS IS A VARIATION ON:

Flexible bioplastic alginate by Cecilia Raspanti.

No changes.

MAKING PROCEDURE:

- Measure the ingredients
- Mix the alginate, water, glycerine and oil in a blender and let it rest overnight.
- Pour evenly onto acrylic sheet
- Distribute with squeegee
- Spray with calcium chloride solution
- Dry for 3 days up to a week.
- Tape down dry and curly edges and soak up excess water with kitchen paper if necessary

Suitable for home composting.