

ALGAE - BASED

ALGinate STRING



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RENEWABLE - VEGAN - COMPOSTABLE



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INGREDIENTS & TOOLS:

- Sodium alginate powder - 6 g
- Glycerine - 10 g
- Water - 200 ml/g
- Sunflower oil - 5 g
- Calcium chloride solution 10%

Tools: scale, syringe, large jars, blender, spray bottle (optional)

THIS IS A VARIATION ON:

Flexible bioplastic alginate by Cecilia Raspanti & Catherine Euale. Extrusion technique by Carolina Delgado.

MAKING PROCEDURE:

- Mix alginate, glycerine, water and sunflower oil in blender
- Let rest overnight to release air
- Make a calcium chloride bath
- Extrude mixture into bath with syringe
- Wrap around a jar to cure

Suitable for home composting.