

ALGAE-BASED

AGAR FOIL



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AGAR FOIL

ALGAE - BASED

RENEWABLE - VEGAN
COMPOSTABLE - REUSABLE



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INGREDIENTS & TOOLS:

- Agar powder - 5 g
- Glycerine - 20 g
- Water - 250 ml/g

Tools: scale, stove, pot, spoon, walled mould (or acrylic sheet for a thinner foil), baking paper, iron.

THIS IS A VARIATION ON:

Flexible biofoil by Cecilia Raspanti

More glycerine added. Created a bag by heatsealing to layers together with baking paper and an iron. Longer cooking time reduces drying time

MAKING PROCEDURE:

- Bring water to the boil, add agar and glycerine
- Stir continuously for 40 mins at 60-80 degrees until syrupy
- Cast into mould
- Dry in well-ventilated space for at least 3 days before releasing from mould (leave it longer if you can).
- Will shrink 40-60% in thickness but much less in width/length
- Cut two rectangles. Iron the edges together (put baking paper in between to separate center).

Agar can be re-used by remelting and recasting. Suitable for home composting.