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Agar bioplastic (simmered) Ag01

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[1]Fab Textiles

In Development Share

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ABSTRACT

Agar bioplastic (simmered) Ag01

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MATERIALS TEXT

Agar Agar, Water, Glycerine

1 Mix all of the ingredients together in a pot in the amounts above, and stir. Agar **12 g** , Water **400 mL** and Glycerol **18 g**

Measuring Jug
Measuring Jug
Wayfair **CCOQ1388**

VWR 220 Mini Hotplate Stirrer
hotplate
VWR SKU unknown

2 Keep mixing until there are no clumps and it is as dispersed as it's gong to get. Then heat the mixture to boiling point, 22m
and simmer for 15 - 20 **00:22:00** min, stirring constantly.

3 Scoop out excess froth with a spoon, and make sure there are no clumps. Carefully pour the mixture onto a surface of acrylic or plastic with a frame.

4 After 4-5 **05:00:00** hours lift and let it dry hanging. How long it takes will depend on the temperature and humidity 5h
in the room, and it may take several days (depending on your formulation). You won't be able to remove the plastic from the drying sheet easily until it is completely dry, so be patient! If your first batch turns out too sticky or slimy, you can try it again with slightly less plasticiser.