

STEPHENSON'S

ORGANIC LIQUID SOAP BASE

Processing conditions supplied by Stephenson's Technical Team

Organic Liquid Soap is a pale yellow clear liquid formulated from certified organic oils. Like all high water based personal care products, Liquid Soap 105C is susceptible to microbial contamination. Good hygiene and manufacturing practices must be carried out when using this product at all times.

Before filling this product please ensure the liquid soap 105C is above 15°C and clear. If the product is below this temperature it will display a haze, which will not clear with further additions. Formulation must take place once the product is at the correct temperature and clarity.



1. Make up a 20% **salt*** solution in warm **deionised** or **softened water**. Ensure that all the salt is fully dissolved.
 - Warm the deionised or softened water. (The warmer it is the faster the salt will dissolve.)
 - Turn agitator on slow.
 - Add salt.
 - Stir until salt is fully dissolved and you have a clear solution.
2. To a sterilised vessel with a suitable stirrer (preferably with variable speed), lid and heater add the Liquid Soap 105S.
3. To speed up the time it takes to dissolve the essential oils**, pre-warm the Liquid Soap 105C to 30 - 35°C. With the stirrer on, add the organic essential oils as required (typically add 0.3 – 0.5%). Stir for 10-15 minutes, or until the essential oils are fully dispersed and in some cases fully dissolved.
4. With stirrer on slow, add 20% salt solution*** to the vortex created by the stirrer. Mix until homogeneous and thickened. Pre-warming to 30-35°C will aid stirring and make the salt solution disperse more quickly.
5. Check viscosity against the desired specification
6. Add extra salt solution if required****. Further adjustments should be made in increments of around 0.2 - 0.4% of 20% salt solution

*** to gain Organic certification salt tablets that do not contain anti-caking agents should be used. If you use tap water then the body wash will turn cloudy.**

H Foster shall not be held responsible for customers product development. Such work should meet the requirements of the Cosmetics Directive and be formally assessed as to its safety.