

SOYGOLD[®]

FORMULARY

GEL HAND SOAP – GHS2

Nonyl Phenol Ethoxylate 9.5 (NPE)	13.20%
LAS Acid 99%	6.80%
SoyGold 1000 or SoyClear 1500	19.50%
DI or Soft Water	56.80%
Potassium Hydroxide 45% (KOH)	3.20%
Water Soluble Fragrance	0.50%
Dye	---

Mix Instructions:

1. Add NPE, LAS Acid, and SoyGold or SoyClear together. Heat to 120F and mix until dissolved.
2. Maintain temperature and very slowly add Water and mix thoroughly
3. Slowly add KOH until pH is between 7.5 to 8.5.
4. Add Fragrance and Dye if desired.
5. Pump out and package formulation before gel sets up.

This formulation is a suggested starting point for the development of optimized formulations for the individual's specific application.

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