

GH70 Natural

Product Bulletin

INCI Name: Glyceryl Heptanoate

General Information: 100% Natural Ultra-Mild Preservation Component

Lexgard® GH70 Natural is a multi-functional ingredient that provides antimicrobial control in formulations. This innovative glyceryl ester is significantly more mild to skin than traditional preservation components making it well suited to sensitive skin, facial care, and baby care applications.

- Bacteriostatic booster
- Cold processable and liquid format
- Ideal for clear formulations
- Broad spectrum
- Effective in emulsions, surfactant-based products, sunscreens, and wipes juice formulations
- 100% biobased
- Free of parabens, formaldehyde donors, MIT, phenoxyethanol, and other traditional preservatives

Micro summary

- Controls bacteria (gram +/-)
- Pass results with industry standard tests: EP-B, USP51, and PCPC
- Pass results with recommended use level at pH 4-8: 1.0 – 1.5% (w/w)
- Use in combination with yeast & mold control agent for broad spectrum preservation

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How to Use:**Recommended Use Level for Preservation:**

- O/W Emulsion: 1.0 - 1.5%
- O/W Sunscreens: 1.0 - 1.5%
- Cleansers: 1.0 - 1.5%
- Wipe Juices: 1.0 - 1.5%

Use Instruction:

- For use in cold or hot process
- Mix well before using
- Add to water phase (below 80°C) or during cool down phase (~40°C).

Patent Information:

Patent Pending

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