

High Performance Deodorizing Soap Additive plus  
Emollient for Skin Health

**PRICE TECH GROUP**



## Description

- PTG-Fresh Plus+ is a vegetable-derived (soybean and coconut), high performance blend of a soybean based quaternary salt, phospholipid, lauryl laureate, and poly glycerol
- This blend is well balanced for solid format formulations such as bar soap and SynDet (body and hair care) applications. This synergistic combination of the long chain quaternary salt, along with the diester and triester phosphatides of the phospholipid provides an additive that has great lubricity and substantivity for gentle cleansing as well as uniquely long-lasting skin and hair conditioning
- These surfactants also help to deliver the gentle after-feel of poly glycerol and lauryl laureate to the substrate whether it be hair or skin

## Benefits

- Light conditioning, no build up, mild cleansing, creamy flash foam to help improve the working feel of natural and SynDet bar formats for both hair and skin
- High concentration of phospholipid greatly reduces TEWL (trans epidermal water loss)
- The blend of phospholipid and quaternary salt have been shown to provide broad spectrum antimicrobial activity

## Typical Properties

Property	Value
Appearance	Slightly Hazy Yellow Liquid
Color Gardner (63')	3
pH (10% aq.)	7.25
Total Solids (%)	48
Specific Gravity @25°C	1.01

## Applications

- Natural soap body bars
- Natural soap shampoo bars
- SynDet body bars
- Syndet shampoo bars