

## Leather Milk (Conditioner)

**Features:**

- **Permulin D:** Emulsifier
- **Peg-12 Carnauba:** Emulsifier, film former, gloss enhancer
- **Cocoa Butter:** Natural leather conditioner

**Formula#: 10/22-164/165-4**

<i><b>Ingredient Trade Name</b></i>	<i><b>%</b></i>
<b>Phase A</b>	
Deionized Water	86.7
Glycerin	3.0
Pemulen TR-2 <sup>2</sup>	0.1
Triethanolamine	0.1
Kathon CG <sup>3</sup>	0.1
<b>Phase B</b>	
<b>Permulin D<sup>1</sup></b>	<b>2.0</b>
<b>Peg-12 Carnauba Wax<sup>1</sup></b>	<b>2.0</b>
<b>Cocoa Butter<sup>1</sup></b>	<b>2.0</b>
Dermol IPP (Isopropyl Palmitate) <sup>4</sup>	4.0

**Procedure:**

- Combine Phase A ingredients one at a time with mixing after each addition, heating to 80-85 °C.
- Combine Phase B ingredients, melt at 85-90 °C and mix until uniform.
- Add Phase B to Phase A with high mixing, keep at 80-85 °C until even and smooth.
- Cool to 50 °C and pour/pump into containers.

**Stability:** One month at room temperature, one month at 45 °C, three freeze/thaw cycles.

**Suppliers:** 1. Koster Keunen, Inc.; 2. Lubrizol, 3. Brenntag, 4. Alzo.