



All-Purpose Cleaner  
(Typical Starting Point Formulation)

Component	Percentage (%)pH8
DOWANOL DPM	2.0 - 3.0
DOWANOL DPnB	1.0 - 2.0
Anionic Surfactant	1.5 - 2.0
Nonionic Surfactant	1.8 - 2.3
Coco Fatty Acid Soap	0.3
Triethanolamine	2.0
NaHCO <sub>3</sub>	0.5
Sodium Citrate	1.5
Perfume	0.2 - 0.3
Water	up to 100

Note:

- pH: Adjust to desired value by addition of Caustic Soda or Citric Acid
- Anionic surfactant: DOWFAX\* 3B2 or any Linear Alkyl Benzene Sulfonate
- C<sub>12</sub> - C<sub>14</sub> Alkyl Sulfate
- C<sub>12</sub> - C<sub>14</sub> Alkyl Ethoxysulfate
- Na Paraffin Sulfonate
- Nonionic surfactant: C12 - C15 Fatty Alcohol Ethoxylate (HLB 12)
- For stability: Cloud point > 45°C
  
- Usually dilutables (typically need builders, such as citrates, phosphates, carbonates)
- To concentrate, concentrate up to 4X or replace DPM/DPnB with equal parts DPnP and concentrate