

This formula demonstrates the use of **SURTECH 20-113, SURTECH 122A and SURTECH 180A** (products of Surface Chemists of Florida, Inc.) as components of a liquid Vehicle Wash Detergent.

Vehicle Wash Detergent (Liquid, Low Foam)

Soil – Grease, oil, salt, water deposits, clay, particulate, road film

Surface – Painted metal surface, polymeric

Application Method – High-pressure spray (700-1400 psi)

Manufacture – Mix tank with propeller stirrer

| Composition A | % WT | Function |
|-------------------------------|--------------|--------------------------------|
| Water | 78.5 | |
| Anhydrous Sodium Metasilicate | 2.0 | Neutralize/Corrosion Inhibitor |
| * Sodium Polyacrylate (45%) | 5.0 | Chelate |
| SURTECH 20-113 | 8.5 | Coupler |
| SURTECH 122A | 6.0 | Wet/Solubilize/Emulsify |
| | <u>100.0</u> | |

| Composition B | % WT | Function |
|---|--------------|--------------------------------|
| Water | 78.0 | |
| Anhydrous Sodium Metasilicate | 2.0 | Neutralize/Corrosion Inhibitor |
| SURTECH 180A | 15.0 | Chelate/Coupler |
| ** Liquid Nonionic Surfactant (6 Moles EO; C ₉ -C ₁₁) | 3.0 | Wet/Solubilize |
| *** Liquid Nonionic Surfactant (2.5 Moles EO; C ₉ -C ₁₁) | 3.0 | Solubilize/Emulsify |
| | <u>100.0</u> | |

Use Dilution: 10% bw (13oz/gal)

- * Alco Alcosperse-602 N (45%)
- ** Shell Chemical Neodol 91-6
- *** Shell Chemical Neodol 91-2.5

NOTE: Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, the user should determine the suitability of the product for the intended use and user assumes the risk if liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without a license.

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