



Formulation

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| Name | GREEN TEA CLEANSING AND TONING WIPES SOLUTION | |
| No. | 1279 | |
| Description | This wipes solution gently cleanses and tones skin with naturally-derived* cleansers ALPHA-STEP® PC-48 and AMPHOSOL® 2CSF-AF, and antioxidant-rich green tea extract. Simply apply over the face and neck with a soft cloth. Suitable for wipes packages. *The Stepan surfactants used in this formulation are greater than 50% BCI. | |
| Formulation | <u>INGREDIENTS:</u> | <u>% by Weight</u> <u>Functionality</u> |
| | Deionized Water | q.s. to 100.0 Carrier |
| | Glycerin | 3.0 Humectant |
| | Green Tea Leaf in Glycerin - 3345GL (Bio-Botanica, Inc.) | 0.1 Additive |
| | ALPHA-STEP® PC-48 | 6.0 Primary Surfactant |
| | AMPHOSOL® 2CSF-AF | 5.0 Secondary Surfactant, Chelating Agent |
| | Citric Acid | q.s. pH Adjuster |
| | Fragrance | q.s. Fragrance |
| | Preservative | q.s. Preservative |
| | Total | 100.0 |
| Procedure | 1. In an appropriate vessel, charge Deionized Water, Glycerin, Green Tea Leaf, ALPHA-STEP® PC-48, and AMPHOSOL® 2CSF-AF. Mix until homogenous and clear. 2. Adjust the pH with Citric Acid, and add Fragrance and Preservative. | |
| Physical Properties | Appearance at 25 °C | Clear, water thin liquid |
| | pH, as is | 5.5 - 6.5 |
| Storage/Stability | 4 weeks at 5 °C | Stable |
| | 4 weeks at 25 °C | Stable |
| | 4 weeks at 45 °C | Stable |
| | Freeze/Thaw, 3 cycles | Pass |
| Instructions for Use | Pre-wash skin with water. Soak towelettes in wash. Rub the skin with the towelette, and work in to skin to create a rich lather. Rinse off with water and repeat as desired. | |
| External Comment | Marketing Notes: Naturally-derived is defined as surfactants sourced from plant, animal or marine feedstocks. BCI = 79. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com . | |
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| For Additional Assistance | For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe). For ordering assistance, call our Account Service Department at 1-800-457-7673. | |

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