



151 INDUSTRIAL PARKWAY • BRANCHBURG, N.J. 08876 • TEL: (908) 707-0232 • FAX: (908) 707-0186
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Fanatical Foam ARL-22-161-1

| | % W/W |
|---|--------------|
| PHASE A | |
| Deionized Water (Water) | 33.35 |
| Gelcarin PC 379 ² (Carrageenan) | 0.75 |
| PHASE B | |
| Farmal HFS 2656 ³ (Hydrolyzed Corn Starch) | 4.00 |
| Sepiplus S ⁴ (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Polyisobutene (and) PEG-7 Trimethylolpropane Coconut Ether) | 1.50 |
| PHASE C | |
| Deionized Water (Water) | 10.65 |
| Stepan Mild SL3-BA ⁵ (Sodium Laureth-3 Sulfosuccinate) | 20.00 |
| PECOSIL PS-112¹ (Dimethicone PEG-7 Phosphate) | 1.75 |
| PHASE D | |
| NaOH 5% Solution (Sodium Hydroxide) | q.s. |
| PHASE E | |
| PHOENOMULSE CE-1¹ (Water (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether (and) Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate) | 28.00 |
| PHASE F | |
| Preservative | q.s. |
| | 100.00 |

Procedure: In main kettle charge water and slowly sprinkle in Gelcarin PC 379 with mixing at medium speed until gum is fully hydrated and batch is homogenous. Add Phase B ingredients one at a time and continue to mix until batch is uniform. Combine Phase C and add to batch, mixing until uniform. Check pH and adjust with 5.0% NaOH solution if necessary to pH 5.00-5.20. Once pH is achieved, switch to side sweep and add Phase E to main batch, mixing until uniform and being careful not to aerate batch. Continue to mix and add Phase F. Mix until batch is uniform throughout.

1. Phoenix Chemical
2. FMC Corp
3. Ingredion Inc.
4. Seppic
5. Stepan

| INGREDIENT: | FUNCTION: |
|-------------------------|---|
| PECOSIL PS-112 | Foam stabilizer. Provides manageability and shine |
| PHOENOMULSE CE-1 | Self-continuous foaming agent |

