



SPF 30 (Very Water Resistant) SUNSCREEN SPRAY

ZENICONE XX, ZENIGLOSS SE

| | PHASE | INGREDIENT | FUNCTION | % BY WEIGHT | BATCH SIZE 2500.00 |
|-----|-------|---|--|-------------|-----------------------|
| 1. | A | WATER, DEIONIZED | | 49.27 | 1231.75 |
| 2. | A | PEMULEN TR2 (2% SOLN) | POLYMERIC EMULSIFIER | 12.50 | 312.50 |
| 3. | A | ZENICONE XX (PEG-8 Dimethicone & PEG-8 Ricinoleate | WATER SOLUBLE. EMOLLIENT | 1.00 | 25.00 |
| 4. | B | ZENIGLOSS SE (Castor Isostearic Succinic & PEG-8 Ricinoleate | WATER DISPERSIBLE POLYMERIC EMOLLIENT | 2.00 | 50.00 |
| 5. | B | TRIVENT DIDA | EMOLLIENT | 8.00 | 200.00 |
| 6. | B | OXYBENZONE | SUNSCREEN | 4.00 | 100.00 |
| 7. | B | OCTOCRYLENE | SUNSCREEN | 10.00 | 250.00 |
| 8. | B | OCTYL METHOXYCINNAMATE | SUNSCREEN | 7.50 | 187.50 |
| 9. | C | TRIETHANOLAMINE 99% | NEUTRALIZER/PH ADJUSTER | 0.18 | 4.50 |
| 10. | D | WATER DEIONIZED | | 5.00 | 125.00 |
| 11. | D | NA2EDTA | CHELATING AGENT | 0.10 | 2.50 |
| 12. | D | GLYDANT | PRESERVATIVE | 0.20 | 5.00 |
| 13. | E | BELLE AIRE LILAC TREE 25661 | FRAGRANCE | 0.25 | 6.25 |

CLI# 1450401

This oil in water sprayable lotion exhibits excellent stability, is easy to spray and is very water resistant. Zenicone XX noticeably improves spreadability while Zenigloss SE acts to couple the sunscreens together in the oil phase which insures that they will be uniformly distributed on the skin, which optimizes SPF performance. Additionally, it helps reduce particle size (or the oil droplets) of this emulsion, further improving emulsion stability.

Manufacturing instructions: COMBINE PHASES A AND B AT 70C.
ADD PHASE C. COOL TO 35C AND ADD PHASES D AND E. HOMOGENIZE AND PACKAGE.

PH: 5.07 VISCOSITY: 4900 CPS

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