

## Aloe Vera Sun Shield SPF 100 Protection Gel

Shield your skin from the sun's harmful rays our Aloe Vera SPF ~10 Sun Protection Gel. This lightweight gel, infused with aloe vera, provides broad-spectrum sun protection while hydrating and soothing your skin. Embrace the sun safely with SunShield and enjoy outdoor activities with peace of mind.

| Item | Ingredient  | Wt%  |
|------|---|------|
| 1    | <a href="#">Innovaloe Aloe juice single strength 1X (AMB)</a>                             | 15.0 |
| 2    | Triethanolamine   | 3.0  |
| 3    | Phenylbenzimidazole Sulfonic Acid   | 4.0  |
| 4    | Allantoin   | 0.1  |
| 5    | glycerin  | 4.0  |
| 6    | Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben, Isobutylparaben | 0.5  |
| 7    | Carbomer (Carbopol® 940)  | 1.5  |
| 8    | Water (deionized) (to 100)  | 58.9 |
| 9    | Triethanolamine   | 3.0  |
| 10   | Water (deionized)   | 10.0 |



### Procedure:

Add item 1 to Vessel 1 and then with good mixing add item 2 and then item 3. When homogeneous, add items 4 and 5 and heat batch to 70 C. Maintain until homogeneous (but at least fifteen minutes) and then start cooling. Add 6 when the batch is at 45 C. In Vessel 2, disperse 7 in 8 and mix until uniform. In Vessel 3 dissolve 9 in 10. Add 9/10 to Vessel 2 with strong mixing but without aeration. When homogeneous, add contents of Vessel 1 to Vessel 2 and mix to homogeneity. Continue cooling and mixing until the completed batch is at desired filling temperature. Perform quality assurance checks.

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