



SUGGESTED FORMULA

Octinoxate 7.5% / Octisalate 5% / Oxybenzone 6 % Sunscreen SPF 40 Lotion

Version number: 1.0

Quantity: 100gm

Octinoxate, USP (01123)	7.5gm
Octisalate, USP (01236)	5gm
Oxybenzone, USP (B1261)	6gm
*Oil-in-Water Emulsion Lotion	Q.S.100mL

*Refer to Oil-in-Water Lotion Formula

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weight and/or measure each ingredient
3. Mix the Octinoxate, Octisalate and Oxybenzone (use low heat if required) until a clear liquid is obtained
4. Incorporate the solution into oil-in-water lotion vehicle and mix well
5. Package in air-tight, light resistant containers
6. Suggested quality assessments:
 - a. Uniform lotion with no lumps
 - b. Color
 - c. Label (s)- auxiliary labels (external use, Shake well), storage, BUD

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date.

It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date is estimated to be 6 months per compoundingtoday.com - Allen Loyd V Jr. Sunscreen Lotion, SPF-40. International Journal of Pharmaceutical Compounding. 4(5);2000:385.

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

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