



SUGGESTED FORMULA

Corn Oil / Silicon Dioxide Suspension Vehicle 1%

Version number: 1.1

Volume: 100 mL

Silicon Dioxide, NF	1 GM
Corn Oil, NF	100mL Q.S.

SUGGESTED COMPOUNDING PROCEDURES

1. Weigh Silicon Dioxide carefully inside a powder containment hood
2. Add 90% of final volume of Corn Oil into calibrated beaker
3. Transfer Silicon Dioxide into step 2 and mix
4. Bring Corn Oil to final volume and allow mixture to spin overnight, SiO₂ will gel and suspend
5. Add more liquid until pourable mixture and pour into calibrated final container
6. Suggested Quality Assessments – follow pharmacy SOPs:
 - a. Weight to Volume calculation
 - b. Color
 - c. Pourability
 - d. Settling
 - e. Resuspendability

Store in air tight amber plastic containers

Store Room Temperature

This vehicle can be used for veterinary formulations or for water-labile medications.

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 180 days Per USP <795> for nonaqueous formulations

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, particularly surgical or N95 respirator to prevent accidental inhalation of Silicon Dioxide. Use safety enclosures (hoods) when weighing and mixing.

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