

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Methotrexate	Dosage Form:	Suspension
Concentration:	0.5 mg/mL	Shelf Life:	14 days
Route:	Oral	Storage:	Refrigeration
Volume:	100 mL	Auxiliary Labeling:	Antineoplastic, Keep out of reach of Children

Ingredients	QS	Quantity	Units
Methotrexate powder		50	mg
Glycerin		2	mL
Ora Plus		49	mL
Ora Sweet or Ora Sweet SF		49	mL

Directions:

1. Under a vertical flow BSC or barrier isolator, using antineoplastic precautions weigh methotrexate.
2. Prepare a paste of the methotrexate with the glycerin and mix well.
3. Add Ora Plus in geometric portions and mix well.
4. Add Ora Sweet or Ora Sweet NF and mix well.
5. Cap bottle, shake well to mix, seal and label.

Notes:

- This compound needs to be prepared in a controlled, protected environment to avoid inhalation or physical contact by the compounder. This drug is on the NIOSH Hazardous Drug List.

References:

- Intern J Pharm Compounding. 1999;3(6):474.

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