

## Miconazole

<b>Trade Name</b>	Miconazole Cream® Multichem NZ
<b>Class</b>	Topical Antifungal
<b>Mechanism of Action</b>	Inhibits sterols in the fungal cell membrane, changing cell wall permeability and causing leakage of cell contents.
<b>Indications</b>	Treatment of cutaneous candida infection
<b>Contraindications / Cautions</b>	History of allergy to other components in the dose form. (eg: skin rash following exposure to the cream base). Avoid contact with eyes and mucous membranes.
<b>Supplied As</b>	<b>Cream:</b> miconazole nitrate 2% 15g tube
<b>Dilution</b>	Not applicable
<b>Dosage</b>	Apply sparingly to affected area
<b>Interval</b>	Twice a day and continue for 10 days after symptoms subside
<b>Administration</b>	Topical
<b>Compatible With</b>	No information available
<b>Incompatible With</b>	No known interactions with other topical preparations
<b>Interactions</b>	Topical miconazole can potentially be absorbed through skin, consider the rare but potential risk for interactions with other medicines that are metabolised by CYP 3A4 or 2C19 eg. calcium channel blockers, phenytoin, sildenafil, warfarin.
<b>Monitoring</b>	N/A
<b>Stability</b>	Manufacturer's expiry. Use a separate tube for each individual baby and discard opened tube once course is complete.
<b>Storage</b>	Room temperature below 25°C
<b>Adverse Reactions</b>	Rash, local irritation, burning
<b>Metabolism</b>	Metabolised in the liver, eliminated 50% in faeces, <1% unchanged parent drug in urine
<b>Comments</b>	This product replaced nystatin cream which was discontinued in 2020. Excipients include: purified water, liquid paraffin, cetostearyl alcohol, propylene glycol, stearic acid, cetomacrogol, simethicone, sodium dihydrogen phosphate and chlorocresol.

<b>References</b>	<ol style="list-style-type: none"><li>1. <a href="http://www.nzf.org.nz">www.nzf.org.nz</a></li><li>2. Taketomo CK et al Paediatric and Neonatal Dosage Handbook. 19<sup>th</sup> Edition Lexicomp 2012.</li><li>3. <a href="http://www.uptodate.com">www.uptodate.com</a></li></ol>
<b>Updated By</b>	N Austin, P Schmidt, B Robertshawe November 2005 A Lynn, B Robertshawe June 2007 A Lynn, B Robertshawe, N Austin September 2007, March 2011 A Lynn, B Robertshawe Dec 2012 (re-order profile) M Wallenstein A Lynn, B Robertshawe July 2020 (Nystatin cream discontinued)