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## Disposable nitrile gloves

Posted by Anonymous on Wed, 2018-02-14 12:03

Disposable nitrile gloves: How chemical-resistant are disposable nitrile gloves? Are they only resistant to certain classes of chemicals and up to certain concentrations?

**Voting:**



No votes yet

**Year Level:**

7

8

9

10

Senior Secondary

**Laboratory Technicians:**

Laboratory Technicians

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## Disposable nitrile gloves

Submitted by sat on 16 February 2018

Answer reviewed 28<sup>th</sup> January 2023

The chemical resistance of disposable gloves depends upon the chemical and its concentration. Refer to information contained in the SDS under Section 8: Exposure controls and personal protection, where information on hand protection and other exposure controls for handling the chemical is discussed. Gloves with a longer cuff, specifically for handling concentrated chemicals, are available.

Information on glove selection can also be found in the Science ASSIST [Chemical Management Handbook for Australian Schools - Edition 3](#)<sup>1</sup>

- page ii has some general information under “Glove selection”
- page vii there are some links to Glove selection guides
- on each chemical summary page under Safe Handling there are recommendations for the type of glove that should be used for each chemical.

### References and further reading:

<sup>1</sup> Science ASSIST website, (2018, November), ‘*Chemical Management Handbook for Australian Schools - Edition 3*’, retrieved from <https://assist.asta.edu.au/resource/4193/chemical-management-handbook-australian-schools-edition-3>

The Glove Company website, (2021, March 1), ‘*Nitrile gloves frequently asked questions and answers*’ retrieved from <https://theglovecompany.com.au/hands-on-safety-blog/2018/nitrile-gloves-frequently-asked-questions-and-answers-faqs/>

Atom website, (2021, December 2), ‘*EN374 Gloves Standards: Hand Protection Against Chemicals*’, retrieved from <https://blog.atom.com.au/en374-gloves-standards-hand-protection-against-chemicals>

Ansell website, (2023), ‘*Are nitrile gloves chemical resistant?*’, retrieved from <https://www.ansell.com/au/en/faq/are-nitrile-gloves-chemical-resistant>

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