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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

Showing 1-1 of 1 Responses

Disposable nitrile gloves

Submitted by sat on 16 February 2018

Answer reviewed 28th 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](#)¹

- 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:

¹ 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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