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| **Group Name:** |  |

# SDS Worksheet

## LibreTexts page: [Safety](https://chem.libretexts.org/Courses/University_of_Arkansas_Little_Rock/Chem_1402%3A_General_Chemistry_1_%28Belford%29/Laboratory/002%3A_Safety)

## <https://chem.libretexts.org/link?216015>

**Please don’t edit, rearrange or delete anything that is already in this document. Just type your answers inside the boxes.**

**You can use shortcuts for superscripts and subscripts:**

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To answer these questions you should refer to [this SDS](https://beta-static.fishersci.com/content/dam/fishersci/en_US/documents/programs/education/regulatory-documents/sds/chemicals/chemicals-p/S25497.pdf) for potassium permanganate. You need to be familiar with the 16 sections of the SDS sheet and be able to quickly find relevant info. You should use the MS-Demystifier for some of these questions. **Always give your source.**

1. What is the solubility of potassium permanganate in gsalt/100 gwater?

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1. Potassium permanganate is classified as an oxidant. What is an oxidant?

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1. In event of fire, which is more effective, a suffocating type extinguisher or water?

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1. Section 11: Toxicological Information" includes this information:

** What does LD50 mean?

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1. If swallowed, should you induce vomiting? What should you do?

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1. Now take a look at [this SDS](http://www.riccachemical.com/WebsiteDocuments/SDS/CanadaEN/R6386000.pdf) for potassium permanganate. What should you do in case of ingestion according to it?

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1. Why do you think these two SDS have different information?

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