

Group
Name:

SDS Worksheet

LibreTexts page: [Safety](#)

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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:

X^2 Superscript Ctrl+.

X_2 Subscript Ctrl+,

To answer these questions you should refer to [this SDS](#) 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 $\text{g}_{\text{salt}}/100 \text{ g}_{\text{water}}$?

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

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

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

Acute Toxicity:		
Oral:	7722-64-7	LD50 Oral - Rat - 1,090 mg/kg

What does LD50 mean?

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

6. Now take a look at [this SDS](#) for potassium permanganate. What should you do in case of ingestion according to it?

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