

GHS/SDS Practice Questions

Go to the [Flinn Scientific](http://www.flinnscientific.com) website and click on the [SDS](#) link. Search for the SDS sheet for [toluene](#). Use the [GHS label](#) and/or [safety data sheet \(SDS\)](#) for toluene to answer the following questions.

1) What other names (synonyms) does toluene go by? (Section 3)	
2) What is the chemical formula for toluene? (Section 3)	
3) What does toluene look like? (Section 9)	
4) Which pictograms are used for toluene? Include a picture and explanation of each pictogram.	
5) Which signal word is used for toluene? (Section 1)	Warning or Danger (circle one) Which is worse?
6) What personal protection should be used when handling toluene? (Section 8)	
7) What is the oral lethal dose 50% (LD ₅₀) of toluene in mg/kg? (Section 11)	
8) How much (in grams) toluene would kill 50% of the people (or rats) like you?	Divide the LD ₅₀ by 1,000. Divide your answer by 2.2. Multiply by your weight in pounds. This is the dose (in grams) that would kill 50% of the people (or rats) like you.
9) What organs does toluene target? (Section 11)	
10) How old is this bottle of toluene? Based on the shelf-life, do you think this bottle would still be usable in	

20## (insert current year here)? (GHS label)	
--	--