



CHEMICAL USAGE ASSESSMENT FORM

Name: _____

Company: _____

Department: _____

Phone: _____

FAX: _____

E-MAIL: _____

1. What chemical(s) is/are being inquired about? Please indicate the percentage of each chemical in your mixture. For example, a mixture may contain 20% hexane and 80% octane. If one chemical is used, percentage is 100%.

Chemical Name	Percentage (total should equal 100%)
Chemical 1 _____	_____
Chemical 2 _____	_____
Chemical 3 _____	_____
Chemical 4 _____	_____
Other _____	_____

Provide details regarding whether the chemicals will be used individually, simultaneously, or in a mixture.

2. Estimate how much of the chemical(s) is/are lost to evaporation in units of volume over time. This may be provided in many forms such as ml/minute or liters/month. For example, a 500 ml bottle of toluene is used for two hours per day and is lost over 2 weeks:

$500 \text{ ml}/2 \text{ weeks} \times 1 \text{ week}/5 \text{ days} \times 1 \text{ day}/2 \text{ hours} \times 1 \text{ hour}/60 \text{ minutes} = .41 \text{ ml/minute evaporation rate}$

Chemical Name	Evaporation Rate
Chemical 1 _____	_____
Chemical 2 _____	_____
Chemical 3 _____	_____
Chemical 4 _____	_____
Other _____	_____

3. If evaporation rate cannot be calculated, please indicate the type(s) of container(s) that is/are normally used. A 500 ml Erlenmeyer beaker is one example. If more than one size or type of container is used, please indicate each one. If flasks and/or beakers are not used, please estimate the exposed surface area of the container used and the amount of time the container is open during use.

Type(s) and size(s) of container(s) used _____

Amount of time container(s) is/are exposed during use _____

4. At what temperature is/are the chemical(s) normally used? Is the chemical being boiled or heated in any way? Indicate Fahrenheit or Celsius. _____

5. Other needs or concerns. _____

For more information, please contact us:

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