



**DEPARTMENT OF CHEMICAL & ENVIRONMENTAL ENGINEERING  
FACULTY OF ENGINEERING  
UNIVERSITI PUTRA MALAYSIA  
COSHH SPECIAL ASSESSMENT**

This Assessment must be completed **jointly** by the research Advisor/Supervisor (or any other competent Assessor) and the research worker. For help in the completion of this section, see the procedure described in the current Dep. of Chemical & Environmental Engineering Safety Manual.

**1. Name of Research Adviser/ Supervisor:**

**2. Hazardous substances to be used and the amount:**

**3. What process/procedure/preparation requires the use of this substance?**

**4. Known or expected risks associated with the use of this substance (Risk Phrases?) and the possible route of exposure :**

a. Is the substance a **carcinogen** (known/suspect)? Does it have an **Occupational Exposure Standard** or **Maximum Exposure Limit**?

*b. If the substance is a carcinogen, use the reverse of this form to justify its use. Return a copy of the form to the DSO.*

**5. What control measures, in addition to good laboratory practice, including personal protective equipment are required to handle the substance safely in the conditions in which it is to be used?**

**6. Are there any special training requirements before this substance is used?**

**7. Emergency action if:**

a. Spill:

b. Fire:

c. Failure of services (e.g. electricity, fume-hoods):

**8. Special waste disposal requirement?**