

CHEMICAL HAZARD RISK ASSESSMENT FORM

Division of ELS

Consult the MSDS for EACH chemical and complete following for EACH hazardous chemical.
If no MSDS is available go to H tick 4 PLEASE PRINT CLEARLY

Substance Name: _____ Date of Assessment _____

CAS No _____ UN No _____ Class _____ PG No _____

Risk Phrases (list full) _____

Safety Phrases (list in full) _____

Summary of process/method _____ Quantity used in procedure _____

Assessed by (PRINT your name) _____ Ph EXT _____

A. Concentration Used _____ (A concentration cut off level for a substance represents a level [expressed as a percentage on a weight/weight basis] at above which that substance must be considered hazardous)

Is the concentration above level listed as hazardous? (as listed in Designated Hazardous Substances

.www.nohsc.gov.au Hazardous Substances Information System)

YES Go to B

NO Go to I tick 1

B. Dangerous Goods Class Labeling

All products must be labeled in accordance with regulations.

(i) Which (if any) Dangerous Goods Class does the substance belong?

3(Flammable) 4(Flammable solid) 5(Oxidizing) 6(Toxic) 8(Corrosive) (Other)

(ii) Has the product been decanted?

YES NO Go to C

If YES then has it been labeled in accordance with regulations?

YES Go to C NO Go to I tick 3

C. Method of Use and Exposure Risks.

Is the chemical used in way in which fumes, gases or dust particles are given off? YES NO

Are any of the following, Eyes, Skin, Inhalation, or Ingestion an exposure risk? YES NO

Is the substance a Carcinogen or a Mutagen or a Teratogen? YES NO

If you answered yes to **any** question in C then go to D. If you answered NO to all, go to E

D.1 Protective controls

Is it necessary to work in fume hood?

YES Go to D2

Is it necessary to wear suitable protective clothing, gloves or eye/face protection?

YES Go to D2 NO Go to I tick 3

D.2 Are all these protective controls readily available, clean and functional? YES go to E NO Go to I tick 3

E First Aid

What first aid measures should be taken in case of an accident involving this chemical? _____

F Spills

What steps should be taken in the event of a spill of this chemical? _____

Are the required resources and facilities in place?

YES Go to G

NO Go to I tick 3

G Training

What training been given in the correct handling of this substance? _____

Are you satisfied you understand the hazards involved in the use of this chemical?

YES Go to H

NO Go to I tick 3

H Disposal

What are the disposal methods? _____

Are the required resources and facilities in place?

YES Go to I

NO Go to I tick 3

I RISK ASSESSMENT CLASSIFICATIONS (Tick appropriate Risk Class box)

1. Risks are not significant and are not likely to increase.
2. Risks are significant but **are** effectively controlled.
3. Risks are significant and are **not** adequately controlled.
4. There is insufficient information to assess risk and level of exposure.

Select 1. if you are using a concentration less than which is considered hazardous or no precautions are required.

Select 2. if you are satisfied that adequate controls are in place.

Select 3. if you answered anywhere where you answered '**NO** go to I 3'

Select 4. if you are uncertain about risks, and no MSDS is available.

If you select 3. or 4. the chemical **MUST NOT** be used, until the risk can be reduced to 1. or 2.

If risk/s cannot be reduced then protocol may have to be changed or an alternative chemical found.

ASSESSMENT APPROVAL: I am satisfied that the risks are not significant and/ or adequately controlled.

Assessor's signature _____ Date ____/____/____

Supervisor Name (Print) _____ Signature. _____ Date ____/____/____