**Chemical Risk Assessment (Part 1)**

**Pre-Purchase Form**

The information gathered will help you to prepare before your chemical arrives and will be used when completing chemical risk assessments. This form should be completed prior to purchase. When re-ordering this chemical, simply **review** the document and update it (if necessary). This document should be readily available when the chemical is in use (in case of an emergency).

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| **Chemical Name** |  | | |
| **Concentration** (where relevant) |  | | |
| **CAS Number(s)** (where relevant) |  | | |
| **Volume of container** (largest size purchased) |  | | |
| **Location** (Building and room number where stored) |  | | |
| **Expiry date** (where relevant) |  | | |
| **Hyperlink to latest Safety Data Sheet** |  | **Reviewed** (date) |  |

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| **HAZARD INFORMATION OF CHEMICAL SUBSTANCE/ PRODUCT USED *OR GENERATED*** | | | | | | | | | | | | | | | |
| **Hazard classification** | Image result for ghs symbols | GHS-pictogram-skull.svg | | GHS-pictogram-exclam.svg | | GHS-pictogram-acid.svg | Corrosive | | | GHS-pictogram-flamme.svg | GHS-pictogram-rondflam.svg | | GHS-pictogram-pollu.svg | | Compressed gas |
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| **Hazard statements** | | | | | | | | | | | | | | | |
| Choose an item. | | | | | | | | | | | | | | | |
| Choose an item. | | | | | | | | | | | | | | | |
| Choose an item. | | | | | | | | | | | | | | | |
| Choose an item. | | | | | | | | | | | | | | | |
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| Choose an item. | | | | | | | | | | | | | | | |
| Other comments: | | | | | | | | | | | | | | | |
| Does this chemical have any WELs? (legal limits) | Yes (enter details below) No Refer to [EH40](http://www.hse.gov.uk/pubns/books/eh40.htm) or Section 8 of the SDS | | | | | | | | | | | | | | |
| **LTEL**  (8hr TWA) | |  | | | | | | **STEL**  (15 min TWA) | | |  | | | |
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| \*Is this chemical a category 1 carcinogen, a mutagen or an asthmagen? | | | Yes  No | | If yes, this chemical has the potential for very serious health consequences. Considerable effort **must** be made to substitute this chemical for a safer alternative. | | | | | | | | | | |
| Hazard Group for skin and/ or eyes (Select highest) | | | SA | | | SB | | SC | | | SD | | | SE | |
| Hazard Group for inhalation (Select highest) | | | A | | | B | | C | | | D | | | E | |
| Is there an additional hazard for a pregnant or breastfeeding parent? | | | Yes  No | | H340, H341, H350, H351, H360, H361, H362, H370, H371, mercury and mercury derivatives, cytotoxic drugs, carbon monoxide, chemical agents of known and dangerous percutaneous absorption (EH40, sk), lead and lead derivatives capable of being absorbed. | | | | | | | | | | |

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| **PROPERTIES OF CHEMICAL** (See Section 9 of SDS) | | | |
| Form of chemical  (as purchased) | Choose an item. | | |
| Boiling point (°C) |  | | |
| Flash point (°C) |  | Auto-ignition temperature(°C) |  |

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| **PERSONAL PROTECTIVE EQUIPMENT – complete if specialised PPE is requiredGN (see Section 8 of SDS)**  (Standard PPE in labs are a lab coat / safety glasses / chemical resistant nitrile gloves). |

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| Eye/FaceGN |  |
| HandGN |  |
| Skin/BodyGN |  |
| OtherGN |  |

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| **STORAGE (see Section 7 and 10 of SDS)** | |
| LocationGN: | Choose an item.  If other, specify: |

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| **WASTE** | | |
| Procedure for disposal of waste has been established | Yes  No | Refer to – [Waste Management Guidance Notes](https://staff.swansea.ac.uk/professional-services/estates-and-facilities-management/our-services/sustainability/waste/) |

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| **EMERGENCY PROCEDURESGN** (See Sections 4, 5 & 6 of SDS).  You must prepare for foreseeable emergencies. Do not simply cut and paste from an SDS. Ensure you have trained personnel and appropriate equipment, PPE and procedures to deal with these emergencies: | |
| First aid: |  |
| Skin contact/ absorption/ injection |  |
| Inhalation |  |
| Eye contact |  |
| Ingestion |  |
| Special fire-fighting measures required: | Always activate the alarm to evacuate the building and call 333.  Fume cupboard fire suppression system Carbon dioxide Water Powder Fire blanket Other: |
| Spill and environmental release response measures: |  |
| Other emergencies: |  |
| Any other relevant information: |  |

**Substances with additional considerations:**

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| **Is this chemical covered by the following regulations:** | | |
| Ozone Depleting Substance or Fluorinated Gas | Yes  No | Refer to – [Technical Guidance Notes](https://staff.swansea.ac.uk/professional-services/estates-and-facilities-management/our-services/sustainability/culture-and-community/ems-operational-procedures/#technical-guidance-notes-contents) |