NMSU CHME SAFETY DATA SHEET

# SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Product Identifier | | | | [WHMIS Classification] | | |
| Product Use | | | | | | |
| Manufacturer’s Name | | | Supplier’s Name | | | |
| Street Address | | | Street Address | | | |
| City | | Province | City | | | Province |
| Postal Code | Emergency Telephone | | Postal Code | | Emergency Telephone | |
| Date MSDS Prepared | | MSDS Prepared By | | Phone Number | | |

# SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Hazardous Ingredients *(specific)* | % | CAS Number | LD 50 of Ingredient  *(specify species and route)* | LC 50 of Ingredient  *(specify species)* |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# SECTION 3 — HAZARDS IDENTIFICATION

|  |
| --- |
| Route of Entry ❐ Skin Contact ❐ Skin Absorption ❐ Eye Contact ❐ Inhalation ❐ Ingestion |
| Emergency Overview |
| WHMIS Symbols |
| Potential Health Effects |
|  |
|  |
|  |

# SECTION 4 — FIRST AID MEASURES

|  |
| --- |
| Skin Contact |
| Eye Contact |
| Inhalation |
| Ingestion |

# SECTION 5 — FIRE FIGHTING MEASURES

|  |  |  |
| --- | --- | --- |
| Flammable  ❐Yes ❐No | If yes, under which conditions? | |
| Means of Extinction | | |
| Flashpoint (° C) and Method | Upper Flammable Limit (% by volume) | Lower Flammable Limit (% by volume) |
| Autoignition Temperature (°C) | Explosion Data — Sensitivity to Impact | Explosion Data — Sensitivity to Static Discharge |
| Hazardous Combustion Products | | |
| [NFPA] | | |

# SECTION 6 — ACCIDENTAL RELEASE MEASURES

|  |
| --- |
| Leak and Spill Procedures: |

# SECTION 7 — HANDLING AND STORAGE

|  |
| --- |
| Handling Procedures and Equipment |
| Storage Requirements |

# SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Exposure Limits  ❐ ACGIH TLV | ❐ OSHA PEL |  | ❐ Other *(specify)* | |
| Specific Engineering Controls *(such as ventilation, enclosed process)* |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Personal Protective Equipment ❐ Gloves ❐ Respirator | ❐ Eye | ❐ Footwear | ❐ Clothing | ❐ Other |
| If checked, please specify type |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

|  |  |  |
| --- | --- | --- |
| Physical State | Odour and Appearance | Odour Threshold (ppm) |
| Specific Gravity | Vapour Density (air = 1) | Vapour Pressure (mmHg) |
| Evaporation Rate | Boiling Point (° C) | Freezing Point (° C) |
| pH | Coefficient of Water/Oil Distribution | [Solubility in Water] |

# SECTION 10 — STABILITY AND REACTIVITY

|  |  |  |  |
| --- | --- | --- | --- |
| Chemical Stability | ❐Yes ❐ No | | If no, under which conditions? |
| Incompatibility with Other Substances | | ❐Yes ❐ No | If yes, which ones? |
| Reactivity, and under what conditions? | | | |
| Hazardous Decomposition Products | | | |

# SECTION 11 — TOXICOLOGICAL INFORMATION

|  |  |
| --- | --- |
| Effects of Acute Exposure | |
| Effects of chronic exposure | |
| Irritancy of Product | |
| Skin sensitization | Respiratory sensitization |
| Carcinogenicity-IARC | Carcinogenicity - ACGIH |
| Reproductive toxicity | Teratogenicity |
| Embrotoxicity | Mutagenicity |
| Name of synergistic products/effects | |

# SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

# SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

# SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

# SECTION 14 — TRANSPORT INFORMATION

|  |  |  |
| --- | --- | --- |
| Special Shipping Information | | PIN |
| TDG | DOT | |
| IMO | ICAO | |

# SECTION 15 — REGULATORY INFORMATION

|  |  |  |
| --- | --- | --- |
| [WHMIS Classification] |  | [OSHA] |
| [SERA] |  | [TSCA] |
| *This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.* | | |

# SECTION 16 — OTHER INFORMATION