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|  | **COSHH Risk Assessment No: 00**  **Product Name: ThinPrep®** | | | | | | | | | | |  |
| Company name: **Hologic Inc.** | | | | | | | | Dept. (if applicable): N/A | | | | |
| Describe the activity or work process.  *(Inc. how long/ how often this is carried out and quantity substance used)* | | | **A methanol based, buffered preservative solution used to support cells during transport and slide preparation** | | | | | | | | | |
| Location of process being carried out? | | | **Within the building** | | | | | | | | | |
| Identify the persons at risk: | | | | Employees  **X** | | | | | Sub-contractors | | Public | |
| Name the substance involved in the process and its manufacturer.  *(A copy of a current safety data sheet is attached to this assessment)* | | | | **ThinPrep®**  **Hologic Inc. 250 Campus Drive Marlborough, MA 01752 United States** | | | | | | | | |
| Classification *(state the category of danger)* | | | | | | | | | | | | |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | GHS-pictogram-explos.svg |  | Explosive | GHS-pictogram-flamme.svg | **X** | Flammable | GHS-pictogram-rondflam.svg |  | Oxidising | | GHS-pictogram-bottle.svg |  | Gas under pressure | GHS-pictogram-acid.svg |  | Corrosive |  | **X** | Acute Toxic | | GHS-pictogram-exclam.svg |  | Harmful / Irritant / Skin Sensitiser | Image result for new explosive COSHH hazard warning sign | **X** | Carcinogen / Germ Cell Mutagen / Reproductive Toxin | GHS-pictogram-pollu.svg |  | Hazardous to the Aquatic Environment | | | | | | | | | | | | | |
| Hazard Type | | | | | | | | | | | | |
| **X**  **X**    Gas Vapour Mist Fume Dust Liquid Solid Other (State) | | | | | | | | | | | | |
| Route of Exposure  **X**  **X** | | | | | | | | | | | | |
| **X**  **X**  Inhalation Skin Eyes Ingestion Other (State) | | | | | | | | | | | | |
| Workplace Exposure Limits (WELs) *please indicate n/a where not applicable* | | | | | | | | | | | | |
| Long-term exposure level (8hrTWA):  **Methanol 200ppm 266mg/m3** | | | | | | | Short-term exposure level (15 mins):  **Methanol 250ppm 333mg/m3** | | | | | |
| State the Risks to Health from Identified Hazards | | | | | | | | | | | | |
| **EC**  **H226** Flammable liquid and vapour **H301** Toxic if swallowed **H311** Toxic in contact with skin **H331** Toxic if inhaled **H370** Causes damage to organs  **P210** Keep away from heat/sparks/open flames/hot surfaces.— No smoking **P280** Wear protective gloves and eye/face protection **P260** Do not breathe dust/fume/gas/mist/vapours/spray **P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician **P303 + P361 + P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P308 + P311** IF exposed or concerned: Call a POISON CENTER or doctor **P370 + P378** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish **P403 + P233** Store in a well-ventilated place. Keep container tightly closed **P501** Dispose of contents/container in accordance with local/regional/national/international regulation. | | | | | | | | | | | | |
| Control Measures: | | | | | | | | | | | | |
| Use in well ventilated areas | | | | | | | | | | | | |
| Is health surveillance or monitoring required?  **X**  Yes **No** | | | | | | | | | | | | |
| Personal Protective Equipment*(state type and standard)* | | | | | | | | | | | | |
| Dust mask | |  | | | | Visor | | | |  | | |
| **X**  Respirator | |  | | | | Goggles | | | | Avoid contact with eyes, wear safety glasses. | | |
| **X**  Gloves | | Wear protective gloves (nitrile) | | | | Overalls | | | | Wear protective clothing | | |
| **X**      Footwear | |  | | | | Other | | | |  | | |
| First Aid Measures | | | | | | | | | | | | |
| **Inhalation**  Immediate medical attention is required, remove to fresh air and keep at a rest position. Administer oxygen if breathing is difficult and you are trained. If not breathing, give artificial respiration  **Ingestion**  Wash out mouth with water. Do not induce vomiting. Get medical attention immediately.  **Skin Contact**  Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.  **Eye Contact**  Get medical attention immediately, make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes.. | | | | | | | | | | | | |
| Storage | | | | | | | | | | | | |
| Store in a cool, dry, well-ventilated place, away from direct sunlight. Keep container closed when not in use.  Keep tightly closed in a dry and cool place. Keep in properly labelled containers. Keep away from heat, sparks, flame and other sources of ignition  Avoid release to the environment. The product should not be allowed to enter drains, water courses or the soil. | | | | | | | | | | | | |
| Disposal of Substances & Contaminated Containers | | | | | | | | | | | | |
| **X**    **Hazardous Waste** Skip Return to Depot Return to Supplier Other  (If Other Please State): | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| Is exposure adequately controlled? | | | | | **X**  **Yes** No | | | | | | | |
| **Risk Rating Following Control Measures** | | | | | | | | | | | | |
| **X**  HighMedium **Low** | | | | | | | | | | | | |

Assessed by: **Pete Reynolds** Date: Review Date: