Microbiology Reagents Safety Review

March 2022

Reagents listed in table below are new additions to Microbiology. OSHA requires that you are aware of the hazards in these reagents and are provided information and training. The table is a brief synopsis of hazards present, further information is accessible to you through MSDSOnline or by contacting the laboratory Safety Officer.

The reagents listed below contain chemicals known to be hazardous. Each user handling these reagents is required to review the SDS before handling. The table below is a synopsis and is not intended as a substitute for the required SDS review.

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| **Reagent** | **Hazard Statement** | **Handling and Storage** | **PPE Required** |
| Rapid Spot Indole Reagent  (Remel) | May be corrosive to metal Causes skin irritation Causes serious eye irritation May cause respiratory irritation Contains Hydrochloric acid. | Store between 2 and 8 ˚C. Keep container tightly closed.  Do not get in eyes, on skin or on clothing. | Nitrile gloves  Fluid resistant lab coat  Safety glasses |
| RapID Ana II System  *SIGNAL WORD*  ***DANGER*** | Causes skin irritation Causes serious eye irritation May cause respiratory irritation May cause drowsiness or dizziness MAY DAMAGE FERTILITY OR THE UNBORN CHILD | **PLEASE REVIEW PRECAUTIONARY STATEMENTS ON p.2 OF THE SDS**  Store according to manufacturer's instructions. | Nitrile gloves  Fluid resistant lab coat  Safety glasses |

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| Ninhydrin Reagent  *SIGNAL WORD* ***DANGER*** | Highly flammable liquid and vapor Harmful if swallowed Causes skin irritation Causes serious eye damage May cause respiratory irritation May cause drowsiness or dizziness Repeated exposure may cause skin dryness or cracking | Store according to manufacturer's instructions. Keep tightly closed in a dry and well ventilated place. Keep away from hot surfaces and sources of ignition. Keep away from heat, sparks and flame. | Nitrile gloves  Fluid resistant lab coat  Safety glasses |
| Dropper Indole  (Becton Dickinson) *SIGNAL* **DANGER** | Flammable liquid and vapor Toxic if inhaled Harmful if swallowed or in contact with skin Causes severe burns and eye damage May cause respiratory irritation May cause drowsiness or dizziness | Store according to manufacturer's instructions. Store in a well ventilated place. Keep cool. | Nitrile gloves  Fluid resistant lab coat  Safety glasses |