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 metalCauses skin irritationCauses serious eye irritationMay cause respiratory irritationContains Hydrochloric acid. | Store between 2 and 8 ˚C.Keep container tightly closed.Do not get in eyes, on skin or on clothing. | Nitrile glovesFluid resistant lab coatSafety glasses |
| RapID Ana II System*SIGNAL WORD****DANGER*** | Causes skin irritationCauses serious eye irritationMay cause respiratory irritationMay cause drowsiness or dizzinessMAY DAMAGE FERTILITY OR THE UNBORN CHILD | **PLEASE REVIEW PRECAUTIONARY STATEMENTS ON p.2 OF THE SDS**Store according to manufacturer's instructions. | Nitrile glovesFluid resistant lab coatSafety glasses |

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| Ninhydrin Reagent*SIGNAL WORD****DANGER*** | Highly flammable liquid and vaporHarmful if swallowedCauses skin irritationCauses serious eye damageMay cause respiratory irritationMay cause drowsiness or dizzinessRepeated 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 glovesFluid resistant lab coatSafety glasses |
| Dropper Indole(Becton Dickinson)*SIGNAL***DANGER** | Flammable liquid and vaporToxic if inhaledHarmful if swallowed or in contact with skinCauses severe burns and eye damageMay cause respiratory irritationMay cause drowsiness or dizziness | Store according to manufacturer's instructions.Store in a well ventilated place.Keep cool. | Nitrile glovesFluid resistant lab coatSafety glasses |