UNIVERSITY OF DETROIT MERCY

Job Hazard Analysis

Task/Equipment:	Dry Ice Use
Department:	**Biology**
Analyzed By:	**Justine Becker**
Date:	**10/19/2020**

Personal Protective Equipment Required:

Lab Coat

Thermally Protective Gloves

Splash Goggles

Trainings Required*/Recommended:

General Lab Safety Training

Equipment/Tools/Chemicals Required for the Job:

Dry ice, PPE, tongs, ventilated storage container

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Tasks/Steps	Hazards Present	Safety Measures and Controls
Unpacking a container with dry ice	A. Extreme cold, severe frostbite B. Emission of carbon dioxide which might result in asphyxiation or explosions	A. Wear proper PPE to protect your hands from the extreme cold temperatures. Store dry ice in a ventilated container. B. If your package is bulging, do not open the package. Instead, clear the room and call Public Safety at 313-993-1234
Storing and using dry ice	A. Extreme cold, severe frostbite B. Emission of carbon dioxide which my result in asphyxiation or explosions	A. Wear proper PPE to protect your hands from the extreme cold temperatures. Store dry ice in a ventilated container. B. Store dry ice is a well-ventilated container.
Disposal of dry ice	A. Emission of carbon dioxide which my result in asphyxiation or explosions	A. Dispose of dry ice by allowing it to sublimate in a very well-ventilated room.

Updated: 4/21/22