

# Dry Ice is POWERFULLY COLD!

## Handle with Care

*Remember these safety precautions when you work with dry ice!*

### Guidelines for Safe Dry Ice Use

- ✓ Use cotton gloves, towels, or potholders to move dry ice.
- ✓ Use in a ventilated location.
- ✓ Children should be supervised by an adult when using dry ice.

#### Handling

The temperature of dry ice is  $-78.5^{\circ}\text{C}$ , cold enough to freeze skin cells and cause an injury similar to a burn. Always handle dry ice with protective gloves or a towel.



#### Storage

Store dry ice in an insulated container. Do not store ice in a container that is completely airtight. As the ice changes to  $\text{CO}_2$  (carbon dioxide) gas, it will cause an airtight container to expand and possibly explode.

#### Ventilation

Dry ice gives off  $\text{CO}_2$  into the air, so if dry ice has been in a closed car, van, or room for more than 10 minutes, open the doors and windows before entering. Otherwise, you will experience difficulty breathing. Leave the area immediately if you start to breathe quickly or have any difficulty breathing.

### INTENTIONAL MISUSE OF DRY ICE MAY BE HARMFUL OR FATAL.



**Do not touch dry ice.** Dry ice is a skin and eye irritant. Avoid contact with skin, mouth, eyes, and clothing. May cause severe frostbite or burns.



**Do not eat dry ice.** Dry ice is harmful if eaten or swallowed. If eaten, seek medical help immediately.



**Dry ice could cause suffocation.** Dry ice changes to  $\text{CO}_2$  gas as it sublimates (melts). Do not use or store in a confined space.



**Do not place dry ice in airtight containers.** Airtight containers may explode as dry ice converts to  $\text{CO}_2$  gas.



**Do not store dry ice where people sleep.** Only use dry ice in open or well-ventilated areas. Otherwise, a lack of oxygen (suffocation) can occur, causing serious injury or death.