DRY ICE & GASES CO.

DRY ICE SAFETY - THINGS YOU NEED TO KNOW

HANDLING DRY ICE

Always use protective gloves, a towel, or tongs when handling dry ice.
This is because dry ice is extremely cold and has a surface temperature of -79 Celsius. It is cold enough to freeze skin cells and cause an injury similar to a burn if care is not taken when using it. Prolonged exposure will cause frostbite.
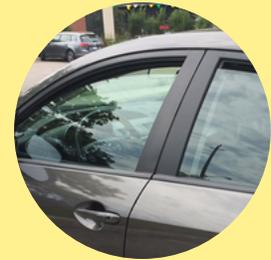
DRY ICE STORAGE

Store dry ice in a chest style camping cooler as shown in photo above, or an insulated styrofoam container (available at our customer counter).
DO NOT store dry ice in a container that is completely airtight.
Dry ice is solid CO_2 and it changes (sublimates) straight to CO_2 gas.
This process will cause an airtight container to expand, rupture, and possibly explode.

TRANSPORTING BY CAR

Always put your dry ice cooler or container in the trunk of your vehicle when possible. Also crack open a window or two to allow fresh air in during your journey as the vapors created when dry ice changes to a gas can cause suffocation due to oxygen deficiency. Your vehicle heating or cooling system is not a substitute for fresh air. The maximum amount of dry ice that can be carried in a passenger vehicle is 200kg.

⚠️ **Never leave dry ice unattended around children.**

⚠️ **As mentioned above, dry ice changes from solid CO_2 to a gas as it sublimates, so always make sure you are in an open or well ventilated area when using dry ice as it can cause suffocation due to the CO_2 displacing oxygen in the air.**

⚠️ **Never put dry ice in your mouth or swallow it. It can be dangerous to bare skin, mouth, and gastrointestinal tissue. Do not add dry ice to any beverages.**

⚠️ **Do not dispose of dry ice in a sewer, garbage disposal, or chute. Allow leftover dry ice to sublimate away within the storage container in a well-ventilated area.**

DRY ICE & GASES CO. 50 Titan Road, Toronto ON, M8Z 2J8
416-252-7137 | info@dryiceandgases.com