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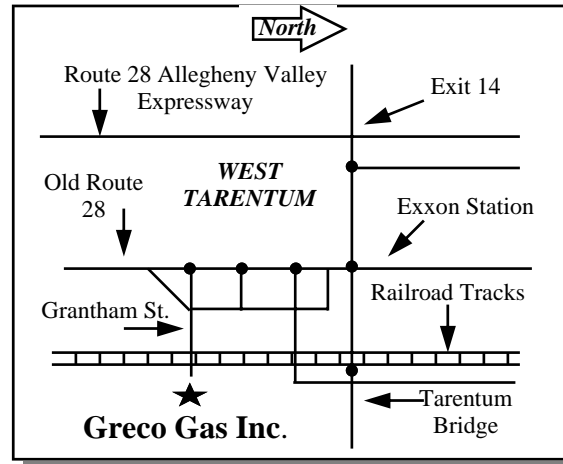
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Greco Gas, Inc.

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Greco Gas Inc.

DRY ICE
How To
Make Fog
For Halloween



SEE WHAT'S BREWING INSIDE!



DRY ICE...

What is it?

Dry Ice is frozen carbon dioxide (Co₂), the gas we exhale as we breath. It is much denser and colder than traditional ice. Dry Ice is -109.3°F (-79.5°C). Traditional ice is 32°F (0 degrees C). In addition, Dry Ice doesn't melt – it sublimates.

Sublimation is the process of changing directly from a solid to a gas. Dry Ice by-passes the liquid form, giving it its name, "dry" ice.

SAFETY WARNINGS:

DO NOT HANDLE DRY ICE WITHOUT THE PROPER SAFETY GLOVES!

DO NOT ALLOW DRY ICE TO COME IN CONTACT WITH SKIN!

DRY ICE WILL CAUSE SEVERE BURNS!



Making the most of your Dry Ice...

Dry Ice will sublime (change from a solid to a gas) at a rate of 10 pounds every 24-hours in a standard insulated container. The more Dry Ice you have stored in the container, the longer it will last.

Plan to pick up your Dry Ice as close as possible to the time you will need it.

Do not store Dry Ice in your refrigerator freezer if it is running. The extremely cold temperature will cause your thermostat to turn off your freezer. (If your refrigerator breaks down, dry ice will help keep things frozen in an emergency.)

Do not store Dry Ice in an air-tight container without proper ventilation, the carbon dioxide gas will cause any airtight container to explode

MAKING FOG WITH DRY ICE:

To make real fog, add dry ice to hot water; 1 gallon of water for every 2-4 lbs. of dry ice. The variables of fog are the water temperature and the surface area of the dry ice. The smaller the size of dry ice pieces, the more fog; the higher the temperature of the water, the more fog.

When placed in water, the approximate sublimation times depend on the size of the block and the temperature of the water.

Special Brews:

- Jack-O-Lanterns 3-5 lb. Up to one hour
- Swimming pool 50 lb. 1-2 hours
- Witch's pot 5-15 lb. Up to one hour
- **Note: When water temperature gets below 40°F , the fog will stop.**