## Safe Use of Dry Ice

Dry ice is actually a chemical "solid carbon dioxide" which is an extremely cold solid material of about $\mathbf{\mathbf { 1 1 0 }} \mathbf{1 0}$ degrees $\mathbf{F}$. It must be handled carefully. Twenty-five pounds of dry ice should keep a 10 cubic foot freezer for 3-4 days.

## DO'S AND DON'TS TO HANDLE DRY ICE SAFELY:

\#Always wear protective gloves when handling dry
ice - severe frostbite or burns on skin can develop. Protect exposed skin from touching the dry ice
\# Put a piece of cardboard or several layers of newspaper between dry ice and food. Place dry ice on top of cardboard with food below - dry ice will freeze any food that it touches.
\# Do not put your head directly into the freezer when using dry ice.

\# Do not breath in vapors - they can cause suffocation or extreme breathing problems.
Step back for a minute after opening door to let vapors escape.
\# Use dry ice for saving freezer foods. Perishables such as milk, or dairy products are apt to freeze completely in a very short time with dry ice. Use a regular ice chest with block ice for perishables.
\#Do not use dry ice in foods to give a special effect. This could result in severe burns in mouth or throat if accidentally swallowed. KEEP AWAY FROM YOUNG CHILDREN

## DRY ICE USE:

\# Dry ice should be used if power outage is expected to last longer than freezer and frigerator will last without power.

Full freezer stays frozen 2 days
Half full freezer stays frozen 1 day
Refrigerator keeps food cold four to six
 hours
\# In the freezer, dry ice should be placed on top of items. Place a board above the items, and put the dry ice on top of the board.
\#In the refrigerator, dry ice should be placed below the items, or block ice should be used.
\#2 $1 / 2$ to 3 pounds of dry ice is needed per cubic foot of freezer space.
\#Keep dry ice wrapped in paper. This extends the life of the dry ice and is done for safety.
\# Do not breath steam from dry ice in an unventilated area.
\# Do not eat dry ice!
\# Do not put in an air tight container. It will explode!


## AFTER DRY ICE IS IN PLACE:

\#Cover freezer and refrigerator with blankets. Be sure not to cover air vent openings.
\# Fill space around refrigerator and freezer with newspaper.
\# Do not open refrigerator doors unless absolutely necessary.

