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DRY ICE SAFETY

	ALWAYS USE AND STORE IN A WELL-VENTILATED AREA	 DRY ICE CHANGES TO GASEOUS CARBON DIOXIDE, WHICH CAN RAPIDLY ASPHYXATE WITHOUT WARNING.	 IF POSSIBLE, STORE IN A COOL AREA TO SLOW CONVERSION TO GAS AND MINIMIZE CARBON DIOXIDE VAPORS.
		 STORE AND USE DRY ICE IN WELL-VENTILATED AREAS TO PREVENT CARBON DIOXIDE ACCUMULATION.	 PLACE SIGNS AND USE CARBON DIOXIDE MONITORING AND VENTILATION IN AREAS WHERE CARBON DIOXIDE GAS CAN ACCUMULATE, PARTICULARLY IN LOW LYING OR ENCLOSED AREAS.
	USE EXTREME CAUTION WHEN TRANSPORTING IN A PASSENGER VEHICLE		⚠ VEHICLE OCCUPANTS MAY BE OVERCOME BY CARBON DIOXIDE WITHOUT WARNING. ✓ IF TRANSPORTING IN THE PASSENGER COMPARTMENT OR TRUNK OF A VEHICLE, LIMIT DRY ICE TO SMALL QUANTITIES AND OPEN ALL WINDOWS OR ENSURE CONSTANT SUPPLY OF FRESH AIR FOR THE DURATION OF THE TRIP.
	NEVER PLACE DRY ICE IN YOUR MOUTH		⚠ DRY ICE IS EXTREMELY COLD AND CAN FREEZE HUMAN TISSUE ON CONTACT. IF SWALLOWED, THE DRY ICE WILL RAPIDLY EXPAND AND CAN CAUSE SERIOUS INJURY OR DEATH.
	WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE)		⚠ DIRECT CONTACT WITH DRY ICE CAN CAUSE SEVERE FROSTBITE, SKIN LESIONS, BURNS, OR DEEP FREEZING OF TISSUE. ✓ ALWAYS USE PROTECTIVE GLOVES SUCH AS WORK GLOVES TO HANDLE DRY ICE.
	NEVER STORE IN AN AIR-TIGHT CONTAINER		⚠ AS DRY ICE SUBLIMATES (CONVERTS TO CARBON DIOXIDE GAS), PRESSURE BUILD-UP CAN CAUSE AN AIR-TIGHT CONTAINER TO RUPTURE OR EXPLODE. ✓ USE WELL INSULATED CONTAINERS DESIGNED TO PREVENT PRESSURE BUILD UP TO STORE DRY ICE.
	ENSURE PROPER DISPOSAL OF DRY ICE		⚠ IMPROPERLY DISPOSED DRY ICE CAN CREATE A HAZARDOUS ATMOSPHERE, CAN POSE THREATS TO HUMANS AND ANIMALS, AND CAN ATTRACT INSECTS. ✓ ALLOW DRY ICE TO EVAPORATE (SUBLIMATE) TO THE ATMOSPHERE IN A WELL-VENTILATED, SECURED AREA.

- KEEP AWAY FROM CHILDREN
- AVOID DIRECT CONTACT BETWEEN DRY ICE AND UNWRAPPED FOOD
- 24 HOURS NOTICE REQUIRED FOR ORDERS

Dry Ice

What is Dry Ice?

Dry Ice is the most concentrated form of cold readily available and is supplied in block, slices and pellet forms. Dry Ice has approximately double the refrigeration capacity of water ice by weight. It is colder (-78°C), leaves no mess, lasts longer and is the ideal portable refrigeration for coolers, car fridges and ice boxes.

How to get the best from Dry Ice

1. Use the very best insulated cooler bin available.
2. Keep Dry Ice in the provided packaging at all times. Wrap in paper or towel for longer lasting results.
3. Open your cooler as infrequently as possible.
4. Store your cooler away from direct sunlight and out of the wind.

When using with fresh products

Fresh products, such as tomatoes, eggs, salads, butter, milk and fresh meat should be stored in airtight, sealed containers, inside the cooler. Do not allow them to come into direct contact with Dry Ice.

Creating Fog Effects

For a great fog effect at a party, social function or live theatre. Simply mix Dry Ice with hot water. Please ensure the area is well ventilated.

Freezing and Frozen Products

Freezing products quickly can be done by placing either blocks or pellets of Dry Ice throughout the cooler containing your products.

To hold frozen products at a constant temperature simply pack the already frozen food into your cooler and place Dry Ice on top. Keep the lid on and the cooler bin in a cool dry place. Use Dry Ice in the largest convenient size.

Packing of Dry Ice

A combination of Dry Ice and water ice is ideal for parties, barbeque's, picnics and camping. Keep beer, wine and soft drinks cold and enjoy crisp, cool salads.

Place the Dry Ice at the bottom of your portable cooler retaining the packaging. Place double the quantity of water ice over the Dry Ice. The water ice will form a layer over the Dry Ice.

Under these conditions, chilled products, including cans, bottles etc. can be stored for up to 8 days depending on the quality of the Dry Ice used. The water ice will not melt until most of the Dry ice has gone.

Dry Ice with Water Ice

Dry Ice can be stored in a customer owned Esky or polystyrene box (can be purchased at the branch) or large bins which are rented.

Transportation

Dry Ice will naturally warm and return to its gaseous state, Carbon Dioxide, over a period of time. This is dependent however on storage conditions, time kept and the prevailing external temperatures where the Dry Ice is being stored. It is important to consider that when Carbon Dioxide is released it readily displaces oxygen in air which can lead to adverse health effects and even death in confined areas. When transporting it is recommended that adequate ventilation exists such as a lowered window, so that fresh air is introduced into the cabin and that cabin air is being exchanged. Supagas recommendation is to avoid storage of dry ice in a vehicle, i.e. collect at the end of the day and complete your journey. Where practicable it is recommended to transport quantities of Dry Ice in an open aired vehicle such as a ute or tray.

Sizes Available

Pellet Sizes -
3, 16



Block Sizes - 2.5 & 5kg

