

Instructions for using dry ice

chillistick

Big Fog Effect

(For most parties we recommend this effect which will last for 3 - 4 minutes and will fill most living rooms.)

To familiarize yourself with dry ice we suggest that you take a coffee mug, small pyrex bowl or small plastic bowl and add around 10 dry ice pellets to this container. Use a plastic or ceramic scoop to move the ice (a ceramic coffee mug with handle is ideal). **Do not pick up dry ice with your bare hands!** Add a few cups of hot tap water and you will see the fog.

To make a big fog effect place a towel on a raised surface such as a tabletop and place a large (at least 3 litre) container on top of the towel. The container should be made from polypropylene (buckets/bins/washing-up bows are great for this), if using glass make sure it is pyrex, do not use soda glass as this may crack. Ensure room has good ventilation - doors open and windows ajar; very young children and pets should be held by adults above ground level. Boil a full 1.5 litre kettle and let it stand for 3 minutes. Place 500g of dry ice into the container (HINT: this is 2 full ½ pint coffee mugs). As soon as the dry ice has been added pour the contents of the kettle into the container - the temptation will be to stop pouring as you may not be able to see your hand – keep going! White plumes of fog will pour out of the container onto the

floor – be ready for applause!

After the fog effect has died down and the bubbling has stopped you will have a container with cold water and possibly some water ice floating on the surface. To dispose pour down the sink with the hot tap running. If you add too much dry ice some will be left over – dilute with lots of hot water until the smoking stops and then pour down the sink. This is a **BIG** effect, you will need the towel and be aware that there will be some moisture from the resulting cloud on nearby surfaces. This is also a great effect to carry out on at the top of the stairs as the fog will run down! (but please be careful on wooden stairs that afterwards steps are not slippery.)

If you have lots of big kids and don't mind cleaning up you can repeat this and add washing up liquid along with the hot water to create an out-of-control bubble monster!

See photo below. If you are concerned that someone might try and put their hand into the smoke effects please use the ice cage available from Chillistick.

Long lasting fog effect

Sometimes it is preferable to have a low level fog effect which lasts

Adult supervision at all times; please follow safety instructions below before opening box.

Dry ice is solid carbon dioxide – the gas that makes drinks fizzy, when hot water is added to dry ice a fog is produced. The white cloud is water droplets and because the cloud is heavier than air it falls to the ground which makes for some great party effects. The hotter the water the more dramatic the fog effect, however do not use water above 80 C (hot tea) otherwise the fog disperses upwards and the effect will be lessened.



for a longer time. Fill a container such as a plastic pitcher with hot water, consider adding food dye for a spooky look. Dry ice can be added a few pellets

The Spooky Sink.

Put half a coffee mug of dry ice in a small plastic bowl and place in your sink with the plug in. Do not add water. Wait 10 minutes at which point your sink will be full with invisible

carbon dioxide gas. Ask your children to blow soap bubbles into the sink – they will float in a most unexpected way! When finished pour dry ice back into the storage box and pull the plug out of the sink.



Safety Guidelines

Please follow safety guidelines below – if in doubt do not use and contact Chillistick on 02034 329412.

- Dry ice is extremely cold (-80°C) and should be handled with care to avoid frostbite burns. Note: gloves supplied are designed for loading Chillistick products only, and are not intended to be used for holding dry ice for more than 20 seconds at a time. Use a ceramic coffee mug or plastic scoop to move larger amounts of dry ice.
- Never use industrial dry ice in drinks it may contain chemical, oils or other contaminants. Chillistick dry ice is food grade.
- Never put dry ice directly into drinks always use a safety containment device such as the Chillistick or Ice Cage.
- Only allow responsible sober adults to handle dry ice who have read and follow the safety guidelines.
- Always keep dry ice in the polystyrene box supplied.
- Do not open dry ice box until ready to use and always replace the lid after use.
- Always store the dry ice box in a cool place out of direct sunlight.
- You can store the dry ice box in a domestic fridge or freezer to prolong the ice life.

- Do NOT store in a walk in refrigerator, freezer or area with poor ventilation.
- Please keep the dry ice box away from children and pets at all times.
- Never transport in a vehicle without having a continuous supply of fresh air.
- When making fog effects elevate small children and pets so they are not breathing in the fog.

