

HANDLING DRY ICE

ALWAYS USE CAUTION WHEN HANDLING DRY ICE

- **DO NOT** handle with bare hands; it can cause severe burns. Use tongs, gloves, an oven mitt or other separator to prevent direct skin contact.
- **DO NOT** taste or put in mouth.
- **DO NOT** place in tightly stoppered or sealed container.
- **DO NOT** inhale. Provide adequate ventilation. Heavy carbon dioxide vapor released may cause suffocation.



STORAGE OF DRY ICE

- **DRY ICE** should be wrapped first in a plastic bag and then in newspaper or a towel.
- For longer storage, place wrapped **DRY ICE** in a styrofoam or other picnic cooler.

DISPOSAL OF UNUSED DRY ICE

- Unwrap and leave at room temperature in a well-ventilated area. It will sublime from a solid state to a gas.
- **DRY ICE** is the solid form of carbon dioxide gas, which is a normal part of our earth's atmosphere.
- **DO NOT** leave **DRY ICE** unattended around children.

TILE COUNTERTOPS

can be damaged by **DRY ICE**

DO NOT leave **DRY ICE** on a tiled countertop. The extreme cold can damage the tile. A wooden bread board is ideal for **DRY ICE**.

Airgas®

Dry Ice

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Product Identification

Carbon Dioxide
Chemical Formula: CO₂
DOT Shipping Class: ORM-A UN-1845 Pkg. Group III Class 9
Nonflammable Gas, UN2187

Synonym: Carbonic Anhydride
Chemical Family: Inorganic

Physical Data

PROPERTY	VALUE
Molecular Weight	44.004
Density Liquid	63.69 LB/FT. ³ @0°F.
Density Gas	0.1234 LB/FT. ³ @32°F.
Triple Point	-69°F., 75.1 PSIA
Critical Temperature	87.8°F.
Critical Pressure	1066.3 PSIA
Critical Density	28.9855 LB/FT. ³
Latent Heat of Evaporation	122 BTU/LB @0°F.
Viscosity Gas	0.015 Centipoises (32°F.)
Viscosity Liquid	0.14 Centipoises (0°F.)
Solubility in H ₂ O	1.79FT ³ CO ₂ GAS/FT ³ H ₂ O (32°F.)

CAUTION: DRY ICE temperature is -109.3 F. (-78.5C.) Always handle **DRY ICE** with care, wear gloves at all times. If **DRY ICE** comes in contact with bare skin, injury similar to burn will result.

CAUTION: KEEP AWAY FROM CHILDREN

Caution: Solid Carbon Dioxide (**DRY ICE**) is -109.3 F (-78.5 C.)

DOT SHIPPING CLASSIFICATION IS ORM-A UN-1845 PKG. GROUP III CLASS 9. **DRY ICE** IS A SKIN AND EYE IRRITANT. USE GLOVES TO HANDLE. **DRY ICE** IS HARMFUL IF EATEN OR SWALLOWED. Avoid contact with skin, mouth, eyes and clothing. May cause severe frostbite or burns. If eaten or frostbite occurs, seek medical help immediately. **DRY ICE** MAKES CARBON DIOXIDE GAS AS IT SUBLIMATES (MELTS). DO NOT PLACE **DRY ICE** IN AIR-TIGHT CONTAINERS AS THEY MAY EXPLODE. ONLY USE **DRY ICE** IN OPEN OR WELL VENTILATED AREAS, OTHERWISE A LACK OF OXYGEN (SUFFOCATION) CAN OCCUR CAUSING SERIOUS INJURY OR DEATH.

KEEP OUT OF REACH OF CHILDREN.
INTENTIONAL MISUSE OF **DRY ICE** MAY BE HARMFUL OR FATAL.
USE ONLY UNDER ADULT SUPERVISION.

PELIGRO: EL BIOXIDO DE CARBONO SOLIDO (HIELO SECO) es -109.3 F. (-78.5 C.)

EL TILDE DE CLASIFICACION DE EMBARQUES ES ORM-A UN-1845 PKG. GRUPO III CLASS 9. EL HIELO SECO ES IRRITANTE PARA EL PELLEJO Y LOS OJOS. USE GUANTES PARA MANEJAR. EL HIELO SECO ES PELIGROSO SE ES COMIDO O TRAGADO. Evite contacto con el pellejo, la boca, los ojos y la ropa. Puede causar congelacion o quemacion. Si es comido o ocurre congelacion busque atencion medica inmediatamente. EL HIELO SECO HACE GAS BIOXIDE DE CARBONO MENTRAS SE ESTA SUBLIMADO (DERRETIENDOSE). NO COLOCEN ENHIELO SECO EN UN ENVASE DE HERMETICAMENTE CERRADO COMO PUEDE HACER EXPLOSION. UNICAMENTE USE EL HIELO SECO EN AREAS ABIERTAS O CON BUEN VENTILACION, SI NO, UNA FALTE DE OXIGENO (SOFOCACION) PUEDE OCURRIR CAUSANDO INJURIA SERIA O MUERTE.

GUARDEN FUERA DEL ALCANCE DE NIÑOS
EL ABUSTO INTENCIONAL DEL HIELO SECO PUEDE SER PELIGROSO O FATAL.
USE SOLAMENTE DEBAJO DE LA SUPERINTENDENCIA DE UN ALDUTO.



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NO TOQUE



DO NOT EAT
NO CONSUME



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