

# Dry Ice

## Description

Carbon Dioxide Solid is produced by allowing liquid CO<sub>2</sub> to expand to a lower pressure thereby forming a mixture of 'snow' and CO<sub>2</sub> gas. The mixture is then compressed into solid Carbon Dioxide (Dry Ice) in the form of pellets or blocks.

## Applications

- Transit refrigeration of perishables – meat, fruit, vegetables, ice cream etc.
- Airline catering – chilling of prepared meals and drinks
- Dry Ice blasting – animal hides
- Hospitals and laboratories – pathological samples, removal of skin growths, semen freezing
- Engineering – shrink fitting of metal parts
- Rubber industry – 'deflashing' of rubber goods
- Pastry/biscuit manufacturers – to regulate mix temperatures
- Theatres, discos – special effects
- Restaurants – novel food and drink presentation
- Domestic leisure market refrigeration – fish, food, drink, etc.
- Plumbing – pipe freezing allows "in situ" cutting, jointing

## Hazard statement(s)

- May cause long lasting harmful effects to aquatic life.

## Prevention statement(s)

- Avoid release to the environment.

## Response & Storage statement(s)

- None allocated.

## Disposal statement(s)

- Dispose of contents/container in accordance with relevant regulations.

## Other hazards

- Low temperature solid evaporates to form asphyxiant gas. Contact with dry ice powder can result in frostbite or cold burns.

**Signal Word:** None Allocated

**UN No.:** 1845

**Hazard No.:** 1(R)

**Chem Symbol:** CO<sub>2</sub>

**Pictograms:** None Allocated



Wherever, whenever...

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## Package Sizes Available



## Typical Analysis

Chemical Name	Molecular Formula	Composition
Carbon Dioxide	CO <sub>2</sub>	100%

## Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

We review the Quality Management System and the quality policy on a regular basis to ensure effectiveness and suitability to the organisation.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

## For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.

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