



4 Emergencies

WHAT IS A COOLING CRISIS?

Your refrigeration equipment is unable to maintain a specific temperature due to external factors that is beyond your control

WHAT CAN CAUSE A COOLING CRISIS?

Power outages from Eskom or local city council for longer than six hours
Catastrophic failures of refrigeration equipment
Cooling water failures due to breakdowns or water shortages
Peak season demand
Extreme summer temperatures

OUR SOLUTION TO YOUR COOLING CRISIS?

Dry Ice can keep perishable products at temperatures below freezing point for extensive periods

WHAT IS DRY ICE?

It is frozen carbon dioxide (CO₂)
The temperature of dry ice is -79 °C
It is a non-toxic, non-flammable foodgrade product
It sublimates from a solid to a gas – no liquid or water
The sublimation creates the cooling effect
The energy value is 570 kJ/kg

HOW TO USE DRY ICE?

Place on top of perishable products, as the cold gas is heavier than air and will therefore flow down through the product

WHERE CAN I OBTAIN DRY ICE?

National distribution network: 24 hours / 7 days per week / 365 days per year
All hours: +27 (0)10 040 3201
info@dryice.co.za - www.dryicesouthafrica.co.za



DRY ICE 4 FRIDGES & FREEZERS

HOW MUCH DRY ICE DO I NEED?

Time period: 24 hours (multiply by 2 for each extra day)

Note: Perishable product already on temperature

VOLUME (litre)	TEMPERATURE	KG DRY ICE
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FRIDGE:

100	+4	1
200	+4	2
400	+4	4
1000 (1m ³)	+4	10

FREEZER:

100	-20	3
200	-20	6
400	-20	10
1000 (1m ³)	-20	20

ISLAND FREEZER:

1000	+4	10
1000	-20	20

UPRIGHT FRIDGE - OPEN DISPLAY SHELVES

Per 1 m shelve	+4	5
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FREEZER ROOMS:

100 m ³	-20	100
300 m ³	-20	300
1000 m ³	-20	1000

24 HOUR EMERGENCY ORDERS:

083 375 6627

4 *Emergencies*

SAFETY WARNINGS

- Not for human consumption
- Handle only with protective gloves or mitts
- Transport only in complete isolation from driver
- Do not place dry ice in any gas-tight container
- Keep away from children (adult supervision is required)

OUR COMPANY

Dry Ice International has been recognised as the leader of dry ice manufacturing, distribution and dry ice blast cleaning in South Africa, as well as other parts of Africa since 1994. We are known for our dedicated client service nationally, creativity, innovation and team of highly qualified and experienced engineers and technicians.

Dry Ice International specialises in the manufacturing of dry ice in different shapes and sizes, as well as the application and distribution of these products. Deliveries are executed nationwide or cross-border throughout the year on a 24/7 basis. From dry ice refrigeration to a future of fully automated robotic dry ice cleaning systems, we are looking forward to serving our clients in the same dedicated manner while pushing at the forefront of engineering to create even more user-friendly dry ice applications.



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