

Compressed Air

PRODUCT: COMPRESSED AIR MSDS NR: 599-00-0001 BOC VERSION: 1.04: DATE: 12/5/03 PAGE: 1/1

1 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

Product name	Compressed Air
Company identification	see footer
Emergency phone Nos	see footer

2 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/ Preparation	Substance
Components/ Impurities	Contains no other components or impurities which will influence the classification of the product.
CAS Nr	132259-10-0
EEC Nr	N/A

3 HAZARDS IDENTIFICATION

Not classified as a dangerous substance.

4 FIRST AID MEASURES

Inhalation	Not hazardous.
Skin/eye contact	No effect on living tissue.
Ingestions	Ingestion is not considered a potential route of exposure.

5 FIRE FIGHTING MEASURES

Specific hazards	Exposure to fire may cause containers to rupture/explode. Inform Fire Brigade. Supports combustion.
Hazardous combustion products	None
Suitable extinguishing media	All known extinguishants can be used.
Specific methods	Move away from container and cool with water from a protected position.
Special protective equipment for fire fighters	None

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	None
Environmental precautions	None
Clean up methods	None

7 HANDLING AND STORAGE

Handling and storage

Suck back of water into the container must be prevented. Do not allow backfeed into the container. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact BOC if in doubt. Refer BOC container handling instructions. Keep container below 50°C in a well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection	None necessary.
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9 PHYSICAL AND CHEMICAL PROPERTIES

Molecular weight	29
Relative density, gas	1 (air=1)
Vapour Pressure 20°C	Not applicable
Solubility mg/l water	22 mg/l at 20°C
Appearance/Colour	Colourless gas
Odour	None: May contain trace hydrocarbons from compressor process.
Autoignition temperature	Not applicable.
Flammability range	Non flammable.

10 STABILITY AND REACTIVITY

Stability and reactivity	Stable under normal conditions.
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11 TOXICOLOGICAL INFORMATION

General	No toxicological effects from this product.
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12 ECOLOGICAL INFORMATION

General	No ecological damage caused by this product.
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13 DISPOSAL CONSIDERATIONS

General	May be vented to atmosphere.
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14 TRANSPORT INFORMATION

Proper Shipping Name	Air, compressed
UN Nr	1002
Class/Div	2.2
ADR/RID Classification Code	1A
ADR/RID Hazard Nr	20
Labelling ADR	Label 2.2: non flammable non toxic gas.
Other transport information	<p>Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers ensure that they are firmly secured and:</p> <ul style="list-style-type: none"> - cylinder valve is closed and not leaking. - valve outlet cap nut or plug (where provided) is correctly fitted. - valve protection device (where provided) is correctly fitted. - compliance with applicable regulations.

15 REGULATORY INFORMATION

Number in Annex I of Dir 67/548	Not included in Annex I.
EC Classification	Not classified as dangerous substance.
Labelling of cylinders – Symbols	Label 2.2: non flammable non toxic gas.

16 OTHER INFORMATION

This product is not suitable for breathing.

Receptacle under pressure.

Ensure all national/local regulations are observed.

This Safety Data Sheet has been established in accordance with the applicable European Directives and applies to all countries that have translated the Directives in their national laws.

Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out. Do not use any other gas as a substitute for compressed air.

Always leak check cylinders when first collected, delivered or used, using an approved leak detection fluid.

Details given in this document are believed to be correct at the time of going to press. Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted.

For further safety information please refer to "Safe Under Pressure" which is available from your local BOC outlet.

CYLINDER CHARACTERISTICS

Cylinder Size	Maximum Filled Pressure at 15°C (bar)	Approx. Dimensions incl. valve and guard where supplied (mm)	Approx. Full Cylinder weight (kg)	Manifolded Cylinder Pallets (MCPs)	Maximum Filled Pressure at 15°C (bar)	Approx. Dimensions incl. cylinders (mm)	Max. Gross Weight (kg)
V	200	940 x 140	20	WN	200	1290 x 1810 x 840	1500
S	200	870 x 203	34	QN*	200	1090 x 1100 x 2000	1200
N	200	1460 x 230	82				

* Limited customers only.



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For product and safety enquiries please phone

**In the United Kingdom:
0800 111 333**

**BOC Customer Service Centre
Priestley Road, Worsley
Manchester M28 2UT
Fax: 0800 111 555**

**In the Republic of Ireland:
Dublin 1850 333 435**

**BOC Ireland
P.O. Box 201
Bluebell, Dublin 12
Fax: 01 409 1801**