



MATERIAL SAFETY DATA SHEET



AIR

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	Air, compressed
Chemical name/formula	Not applicable
Company identification	See header and footer
Emergency phone no.	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 No.	None

3 HAZARDS IDENTIFICATION

General	<ul style="list-style-type: none">▶ Non-flammable.▶ Compressed gas.
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4 FIRST-AID MEASURES

Inhalation	▶ Not hazardous.
Skin/Eye contact	▶ No adverse effects anticipated.
Ingestion	▶ Ingestion is not considered a potential route of exposure.

5 FIRE-FIGHTING MEASURES

Specific hazards	▶ Exposure to fire may cause containers to rupture or explode.
Hazardous combustion products	▶ None
Suitable extinguishing media	▶ All known extinguishants can be used.
Specific methods	▶ Move container away or 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 & STORAGE

General	<ul style="list-style-type: none">▶ Suck back of water into the container must be prevented. Do not allow back-feed into the container.▶ Use only properly specified equipment, which is suitable for this product, its supply pressure and temperature.▶ Keep container below 50°C in a well-ventilated place.▶ Refer to “safe handling, transport and storage of compressed gas cylinder” or contact AIG if in doubt.
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8 EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure limit value	▶ None
Personal protection	▶ None

9 PHYSICAL & CHEMICAL PROPERTIES

Molecular weight	29
Melting point	Not applicable
Boiling point	Not applicable
Critical temperature	Not applicable
Relative density, gas	1.0 (air = 1)
Relative density, liquid	Not applicable
Vapour pressure @20°C	Not applicable
Solubility mg/l water	No known, but considered having low solubility.
Appearance/Colour	Colourless gas
Odour	None
Auto-ignition temperature	Not applicable
Flammability range	Not applicable

10 STABILITY & REACTIVITY

General	▶ Stable under normal conditions.
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11 TOXICOLOGICAL INFORMATION

General	▶ No known toxicological effects from this product.
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13 DISPOSAL CONSIDERATIONS

General	▶ May be vent to atmosphere.
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14 TRANSPORT INFORMATION

UN No. 1002
Class/Division 2.2 (Non-Flammable Gas)
Subsidiary risk None
UN proper shipping name Air, compressed
IMO/IATA shipping label



Other transport information ► Before transporting product containers, ensure that they are firmly secured and:

- compliance with applicable regulations;
- 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 and
- there is adequate ventilation.

15 REGULATORY INFORMATION

General ► Singapore's Factories Act 2000, Sections 14, 34, 44 & 60A.
► Singapore Standards:

- CP 12:2000 Part 1
- CP 98:2003
- SS 152:2003
- SS 286:1984 Part 1 to Part 5

Risk and safety phrases ► None.

16 OTHER INFORMATION

General ► Ensure all local regulations or legislations are observed.
► Container under pressure
► Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.
► Details given in this document are believed to be correct at the time of revising.
► 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.
► This safety data sheet is for information purposes only and is subjected to change without notice.

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