



Safety Data Sheet

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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

- Non-flammable.
- Compressed gas.

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

- 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 SOXAL's booklet on "safe handling, transport and storage of compressed gas cylinder" or contact SOXAL if in doubt.

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.

11. TOXICOLOGICAL INFORMATION

General No known toxicological effects from this product.

12. ECOLOGICAL INFORMATION

General No known ecological effects from this product.

13. DISPOSAL CONSIDERATIONS

General May be vented to atmosphere.

For product and/or safety enquiry, please send, call, fax or log on to:

SINGAPORE OXYGEN AIR LIQUIDE PTE LTD
16, Jalan Buroh, Singapore 619475.

Tel: (65) 6265 3788 or 6265 4555 Fax: (65) 6265 1441 or 6268 8403 Website: www.soxal.com Business Registration No: 197001157D

AIR

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 WSH (General Provisions) Regulations 2006, Sections 42 & 43.
 - 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.

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