

**AIR LIQUIDE****SAFETY DATA SHEET**

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Revised edition no : 1

Date : 16/3/2006

Supersedes : 0/0/0

Compressed Air**AL000A**

Label 2.2 : Non flammable, non toxic gas.

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : Compressed Air
MSDS No : AL000A
Company identification : AIR LIQUIDE SA
France
See paragraph 16 "OTHER INFORMATION"
Emergency phone nr : See paragraph 16 "OTHER INFORMATION"

2 COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.

Substance name	Contents	CAS No	EC No	Index No	Classification
Nitrogen	:	7727-37-9	231-783-9	-----	
Oxygen	:	7782-44-7	231-956-9	008-001-00-8	O; R8

Contains no other components or impurities which will influence the classification of the product.

3 HAZARDS IDENTIFICATION

Hazards identification : Compressed gas.

4 FIRST AID MEASURES

First aid measures

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

5 FIRE-FIGHTING MEASURES

Flammable class : Non flammable.
Specific hazards : Exposure to fire may cause containers to rupture/explode.
Hazardous combustion products : None.
Extinguishing media
- Suitable extinguishing media : All known extinguishants can be used.
Specific methods : Move away from the 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.

Compressed Air**AL000A****7 HANDLING AND STORAGE**

Storage : Keep container below 50°C in a well ventilated place.

Handling : 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 your gas supplier if in doubt.
Refer to supplier's container handling instructions.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection : None necessary.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Compressed gas.

Colour : Colourless.

Odo(u)r : None.

Molecular weight : 29

Melting point [°C] : Not applicable.

Boiling point [°C] : Not applicable.

Vapour pressure, 20°C : Not applicable.

Relative density, gas (air=1) : 1

Relative density, liquid (water=1) : Not applicable.

Solubility in water [mg/l] : Not known, but considered to have low solubility.

10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.

11 TOXICOLOGICAL INFORMATION

Toxicity information : No known toxicological effects from this product.

12 ECOLOGICAL INFORMATION

Ecological effects information : No known ecological damage caused by this product.

13 DISPOSAL CONSIDERATIONS

General : May be vented to atmosphere.

14 TRANSPORT INFORMATION

UN No. : 1002

H.I. nr : 20

ADR/RID

- **Proper shipping name** : AIR, COMPRESSED
- **ADR Class** : 2
- **ADR/RID Classification code** : 1 A
- **Labelling ADR** : Label 2.2 : Non flammable, non toxic gas.

Other transport information : Avoid transport on vehicles where the load space is not separated from the driver's compartment.
Ensure vehicle driver is aware of the potential hazards of the load and knows what



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AL000A

14 TRANSPORT INFORMATION (continued)

to do in the event of an accident or an emergency.

Before transporting product containers :

- Ensure that containers are firmly secured.
- Ensure cylinder valve is closed and not leaking.
- Ensure valve outlet cap nut or plug (where provided) is correctly fitted.
- Ensure valve protection device (where provided) is correctly fitted.
- Ensure there is adequate ventilation.
- Compliance with applicable regulations.

15 REGULATORY INFORMATION

- EC Classification** : Not included in Annex I.
Not classified as dangerous preparation/substance.
- EC Labelling** : No EC labelling required.
- **Symbol(s)** : None.
 - **R Phrase(s)** : None.
 - **S Phrase(s)** : None.

16 OTHER INFORMATION

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.

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.

Recommended uses and restrictions : This SDS is for information purposes only and is subject to change without notice. [Prior to purchase of products, please contact your local AIR LIQUIDE office for a complete SDS (with Manufacturer's name and emergency phone number).]

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