

 an AIR LIQUIDE Group Company	<b>SAFETY DATA SHEET</b>	Page : 1 / 5
		Revised edition no : 0
		Date : 28 / 10 / 2014
		Supersedes : 0 / 0 / 0
<b>Compressed Air</b>		<b>SDS_000A_CLP</b>



2.2 : Non flammable, non toxic gas.

**Warning**



## 1 Identification of the substance/mixture and of the company/undertaking

**Product identifier**  
**Trade name** : Compressed Air  
**SDS Nr** : SDS\_000A\_CLP  
**Registration-No.** : Listed in Annex IV / V REACH, exempted from registration.  
**Use** : Industrial and professional. Perform risk assessment prior to use.  
**Company identification** : Energas Ltd.  
Westmorland Street, Hull HU2 0HX,  
United Kingdom  
  
**E-Mail address (competent person):** : Mark Nugent  
**Emergency telephone number** : 01482 329333

## 2 Hazards identification

### Classification of the substance or mixture

**Hazard Class and Category Code**  
**Regulation EC 1272/2008 (CLP)**

• **Physical hazards** : Gases under pressure - Compressed gas - Warning (H280)

**Classification EC 67/548 or EC 1999/45** : Not included in Annex VI.  
Not classified as dangerous preparation/substance.  
No EC labelling required.

### Label elements

**Labelling Regulation EC 1272/2008 (CLP)**

• **Hazard pictograms**



• **Hazard pictograms code** : GHS04  
• **Signal word** : Warning

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### 2 Hazards identification (continued)

• **Hazard statements** : H280 : Contains gas under pressure; may explode if heated.

• **Precautionary statements**

- **Storage** : P403 : Store in a well-ventilated place.

Labelling EC 67/548 or EC 1999/45

**Symbol(s)** : None.

**R Phrase(s)** : None.

**S Phrase(s)** : None.

#### Other hazards

**Other hazards** : None.

### 3 Composition/information on ingredients

Substance name	Contents	CAS No	EC No	Index No	Registration no	Classification
Nitrogen	:	7727-37-9	231-783-9	----	NOTE 1	----- Press. Gas (H280) Press. Gas (H280)
Oxygen	:	7782-44-7	231-956-9	008-001-00-8	NOTE 1	O; R8 ----- Ox. Gas 1 (H270) Ox. Gas 1 (H270) Press. Gas (H280)

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

Full text of R-phrases see chapter 16

Full text of H-statements see chapter 16

Note 1: Listed in Annex IV / V REACH, exempted from registration.

Note 2: Registration deadline not expired.

### 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

**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.

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### 6 Accidental release measures (continued)

Clean up methods : None.

### 7 Handling and storage

**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.

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

### 8 Exposure controls/personal protection

Personal protection : None necessary.

### 9 Physical and chemical properties

Physical state at 20 °C : Gas.  
Colour : Colourless.  
Odour : 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

Hazardous decomposition products : None.  
Chemical stability : 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.

**Compressed Air****SDS\_000A\_CLP****14 Transport information**

UN number : 1002

• Labelling ADR, IMDG, IATA



: 2.2 : Non flammable, non toxic gas.

**Land transport**

ADR/RID

H.I. nr : 20

UN proper shipping name : AIR, COMPRESSED

Transport hazard class(es) : 2

- ADR/RID Classification code : 1 A

- Packing Instruction(s) - General : P200

- Tunnel Restriction : E : Passage forbidden through tunnels of category E.

**Sea transport**

- IMO-IMDG code

• Proper shipping name : AIR, COMPRESSED

• Class : 2.2

- IMO Packing group : P200

- Emergency Schedule (EmS) - Fire : F-C

- Emergency Schedule (EmS) - Spillage : S-V

- Instructions - Packing : P200

**Air transport**

- ICAO/IATA

- Proper shipping name : AIR, COMPRESSED

• Class : 2.2

• Passenger and Cargo Aircraft :

- Packing instruction : 200

• Cargo Aircraft only :

- Packing instruction : 200

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 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.



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## 15 Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**Seveso regulation 96/82/EC** : Not covered.

## 16 Other information

**List of full text of R-phrases in section 3.** : R8 : Contact with combustible material may cause fire.

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.

**DISCLAIMER OF LIABILITY** : 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.

**End of document**