

Balloon Gas

PRODUCT : BALLOON GAS MSDS : 300-00-0037 BOC VERSION : 1 DATE : 21/06/1994 PAGE : 1/1

SAFETY
DATA
SHEET

1 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

Product name Balloon Gas
Company identification see footer
Emergency phone Nos see footer

2 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation Preparation
Components/Impurities Contains helium and air.

3 HAZARDS IDENTIFICATION

Hazards identification Compressed gas. In high concentrations may cause asphyxiation. Never deliberately inhale balloon gas. Breathing 100% balloon gas will produce unconsciousness and death due to lack of oxygen.

4 FIRST AID MEASURES

Inhalation Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.

5 FIRE FIGHTING MEASURES

Specific hazards Exposure to fire may cause containers to rupture/explode. Non flammable.
Hazardous combustion products None
Suitable extinguishing media All known extinguishants can be used.
Specific methods If possible, stop flow of product. Move container away or cool with water from a protected position.
Special protective equipment for fire fighters In confined space use self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions Evacuate area. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Ensure adequate air ventilation.
Environmental precautions Try to stop release
Clean up methods Ventilate area

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 your gas supplier if in doubt. Refer to supplier's container handling instructions. Keep container below 50°C in a well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection Ensure adequate ventilation

9 PHYSICAL AND CHEMICAL PROPERTIES

Molecular weight 4
Melting point Not applicable
Boiling point -269°C
Critical temperature -268°C
Relative density, gas 0.14 (air=1)
Relative density, liquid Not applicable
Vapour Pressure 20°C Not applicable
Solubility mg/l water 1.5 mg/l water
Appearance/Colour Colourless gas
Odour No odour warning properties

10 STABILITY AND REACTIVITY

Stability and reactivity Stable under normal conditions.

11 TOXICOLOGICAL INFORMATION

General No known toxicological effects from this product.

12 ECOLOGICAL INFORMATION

General No known ecological damage caused by this product.

13 DISPOSAL CONSIDERATIONS

General Do not discharge into any place where its accumulation could be dangerous. To atmosphere in a well ventilated place. Contact supplier if guidance is required.

14 TRANSPORT INFORMATION

UN Nr 1046
Class/Div 2.2
ADR/RID Item Nr 2,1a
ADR/RID Hazard Nr 20
Tremcard Nr 828
Groupcard Nr 20g01
Labelling ADR Label 2: non flammable non toxic gas

Other transport information

Avoid transport on vehicles where the load space is not separated from the drivers 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 they are firmly secured and:

- 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.

16 OTHER INFORMATION

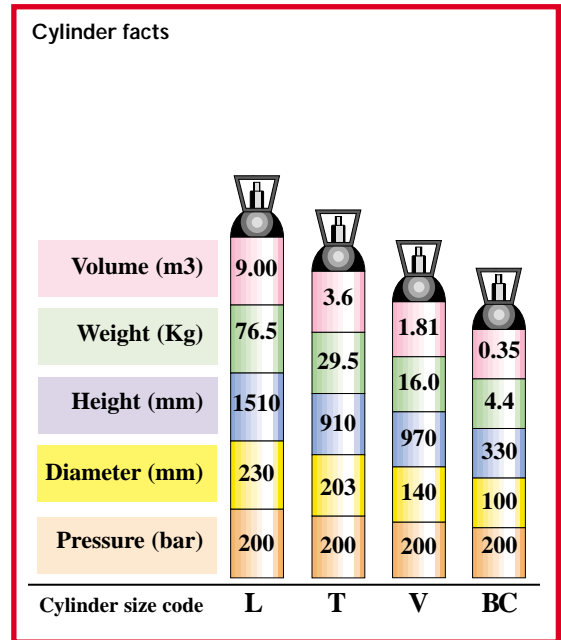
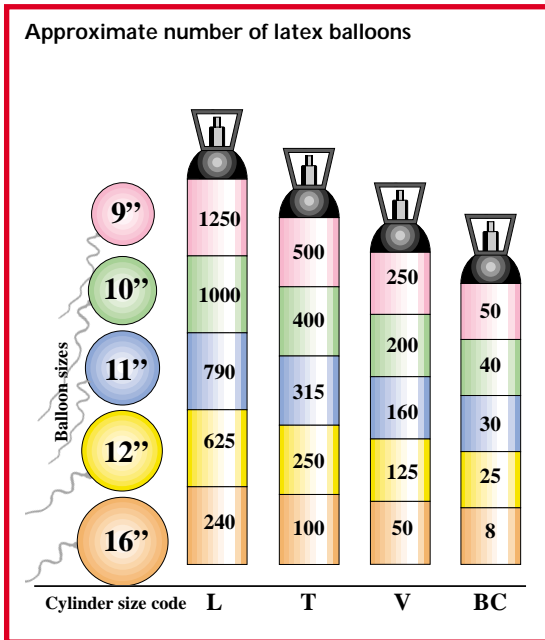
Ensure all national/local regulations are observed.
The hazard of asphyxiation is often overlooked and must be stressed during operator training.
Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.
Details given in this 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.

15 REGULATORY INFORMATION

EC Classification Proposed by the industry
Not classified as dangerous substance.

Labelling of cylinders

- **Symbols** Label 2: non flammable non toxic gas
- **Risk phrases** RAs Asphyxiant in high concentrations
- **Safety phrases** S9 Keep container in well ventilated place.
S23 Do not breathe the gas.



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