

Balloon Occasions Non-Refillable Cylinders

PRODUCT: BALLOON GAS NON-REFILLABLE SDS: 300-00-0049 BOC VERSION: 1.01 DATE: 18/02/2003 PAGE: 1/1

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 Substance
Components/Impurities Helium
CAS Nr 7440-59-7
EC Nr (from EINECS) 231-168-5

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. Never use in a confined space.

4 FIRST AID MEASURES

Inhalation In high concentrations may cause asphyxiation. 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 Keep container below 50°C in a well ventilated place.
Do not store in damp areas. Do not store in direct sunlight or apply flame or heat. Always store in a covered area. Do not store or display next to flammable materials/products. Do not store, display or sell cylinder out of box.
Do not drop cylinder or subject to rough handling. Always store, display and use with adequate ventilation, never in a confined space. Close valve tightly after each use.
Overheating, pressurising, rusting or attempting to refill may cause violent cylinder bursting, resulting in serious injury or death.
All cylinders are equipped with a bursting disc located on the shoulder of the cylinder. Do not tamper with the bursting disc.
Contact your gas supplier if in doubt. Refer to supplier's container handling instructions on carton.

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. Only vent 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 Classification Code 1A

ADR/RID Hazard Nr 20

Labelling ADR Label 2.2: non flammable non toxic gas.

Other transport information Avoid transport of loads of more than one cylinder 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 the Balloon Occasions product ensure that all the box lids are properly and firmly sealed.

In addition to the above:

- ensure cylinder valve is closed and not leaking.
- do not transport cylinder out of box.
- always secure box(es) during transport
- never leave cylinders exposed to sunlight inside a vehicle.

15 REGULATORY INFORMATION

Number in Annex I of Dir 67/548 Not included in Annex I.

EC Classification Not classified as dangerous substance.

Labelling of cylinders - Symbols Label 2.2: non flammable non toxic gas.

16 OTHER INFORMATION

Ensure all national/local regulations are observed.

Asphyxiant in high concentrations.

Keep container in well ventilated place.

Do not breathe the gas.

The hazard of asphyxiation is often overlooked and must be stressed during operator training. Users of breathing apparatus must be trained. This product is not suitable for operation by children.

Burst balloon fragments and the balloon valves can represent a choking hazard to children.

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.

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 by BOC.

For further details and advice on the safe operation and disposal of the Balloon Occasions cylinder, please contact our Customer Service Centre on Freephone 0800 111 333.

DISPOSAL OF CYLINDER

Balloon Occasions cylinders are non-refillable

- do not attempt to refill.

- do not use for compressed air.

- do not dispose of this cylinder with your normal household waste.

- ensure the cylinder is empty before disposal: while outdoors, open the valve completely by turning the valve handle anti-clockwise to make sure there is no residual pressure in the cylinder. Do not leave unattended during this procedure.

- when cylinder contents have been purged, always leave the valve open prior to disposal.

- take the empty cylinder to your local Civic Amenity Site/ Municipal Tip for disposal or contact our Customer Service Centre on the freephone number below for advice.



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