



SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT: < 5% CARBON MONOXIDE BALANCE AIR **PAGE:** 1/3

SDS NO: 045B **Version:** 9 **Date:** 28th October 2008

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

SDS NO: 045
Product Name: <5% Carbon Monoxide Balance Air (\leq 17 litres)
Company Identification: See heading and/or footer

2. HAZARDS IDENTIFICATION

Hazards identification Compressed gas
May impair fertility or cause harm to the unborn child
At higher concentrations is harmful (see WEL)

3. COMPOSITION/INFORMATION OF INGREDIENTS

Substance/Preparation Preparation
Composition/Impurities Contains no other components or impurities which will influence the classification of the product.

4. FIRST AID MEASURES

Inhalation Symptoms may include loss of mobility/consciousness. Remove victim to an uncontaminated area wearing self contained breathing apparatus.
Keep victim warm and rested. Call a doctor. Apply artificial Respiration if breathing stopped.
Ingestion Ingestion is not considered a potential route of exposure.

5. FIRE-FIGHTING MEASURES

Fire-fighting measures These containers hold gas under pressure, with no liquid phase. If involved in a major fire, they should be sprayed with water to avoid pressure increases, otherwise pressures will rise and ultimately they may distort or burst to release the contents. The gases will not add significantly to the fire, but containers or fragments may be projected considerable distances - thereby hampering fire fighting efforts.



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6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures In terms of weight, these containers hold very little contents, such that any accidental release by puncturing etc. will be of no practical concern.

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
Carbon Monoxide WEL = 30ppm (8hr TWA) 200ppm (15min TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Relative density, gas	Heavier than air
Solubility mg/l water	Not known but considered to have low solubility
Appearance/Colour	Colourless gas
Odour	None

10. STABILITY AND REACTIVITY

Stability and reactivity Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

General Harmful by inhalation. Delayed adverse effects possible.

12. ECOLOGICAL INFORMATION

General No ecological damage caused by this product



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13. DISPOSAL INFORMATION

Disposal Do not discharge into any place where its accumulation could be dangerous. Used containers are acceptable for disposal in the normal waste stream, but Duomo (UK) Ltd. encourages the consumer to return cylinders.

14. TRANSPORT INFORMATION

Land transport ADR/RID
Sea transport IMDG
Air transport ICAO/IATA

UN number: UN1956
Proper Shipping Name: Compressed gas n.o.s. (contains air, carbon monoxide)
Class: 2 (ADR) 2.2 (IMDG/IATA)
ADR classification code: 1A
Packing Group: N/A
Marine Pollutant: N/A

15. REGULATORY INFORMATION

Regulatory Information Following the HSE Approved Supply List (L142) and the UK's CHIP (as currently amended) Regulations -

Mixtures of <0.2% are classified as non-toxic/ non-flammable.
Mixtures of $\geq 0.2\%$ and <5% are classified as harmful/ non-flammable.

16. OTHER INFORMATION

For mixtures containing <5% Carbon Monoxide

R20 - Harmful by Inhalation
R48 - Danger of serious damage to health by prolonged exposure.
R61 - May cause harm to the unborn child.

S45 - In case of accident or if you feel unwell, seek medical advice immediately
S53 - Avoid exposure - obtain special instructions before use.

This SDS has been prepared in accordance with the Chemicals (Hazard Information and Packaging for Supply Regulation (as currently amended). The information is based on the best knowledge of Duomo (UK) Ltd., and its advisors and is given in good faith, but we cannot guarantee its accuracy, reliability or completeness and therefore disclaim any liability for loss or damage arising out of use of this data. Since conditions of use are outside the control of the Company and its advisors we disclaim any liability for loss or damage when the product is used for other purposes than it is intended.
