

SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT: HYDROGEN SULPHIDE/METHANE/CARBON DIOXIDE/OXYGEN BALANCE NITROGEN PAGE: 1/3

SDS NO: 082A

Version: 4

Date: 13 March 2003

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

SDS NO: 082A

Product Name: Hydrogen Sulphide/Methane/Carbon Dioxide/Oxygen Balance Nitrogen in aerosols (≤ 12 litres)

Company Identification: See heading and/or footer

2. COMPOSITION/INFORMATION OF INGREDIENTS

Substance/Preparation Preparation

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

3. HAZARDS IDENTIFICATION

Hazards identification Compressed gas

In high concentrations may cause asphyxiation

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

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.

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.

**EUROPEAN DISTRIBUTOR - KOMYO - KITAGAWA PRECISION GAS ANALYSERS
SUPPLIER OF CALIBRATION PRODUCTS AND GAS DETECTION EQUIPMENT**

PRODUCT: HYDROGEN SULPHIDE/METHANE/CARBON DIOXIDE/OXYGEN BALANCE NITROGEN PAGE: 2/3

SDS NO: 082A

Version: 4

Date: 13 March 2003

7. HANDLING AND STORAGE

Handling and Storage

Suck back of water into the container must be prevented. Do not allow back feed 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

Relative density, gas

Lighter or similar to air

Solubility mg/l water

Not known.

Appearance/Colour

Colourless gas

Odour

Rotten Eggs

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 ecological damage caused by this product

13. DISPOSAL INFORMATION

Disposal

Used containers are acceptable for disposal in the normal waste stream, but Euro-Gas encourages the consumer to return cylinders.

**EUROPEAN DISTRIBUTOR – KOMYO – KITAGAWA PRECISION GAS ANALYSERS
SUPPLIER OF CALIBRATION PRODUCTS AND GAS DETECTION EQUIPMENT**

EURO-GAS

management services ltd

REVELSTOKE HOUSE, STOKE ROAD, NOSS MAYO, PLYMOUTH, DEVON, ENGLAND PL8 1EY

INTERNATIONAL: +44 1752 872222 FAX: +44 1752 872223

E-mail: euro-gas@btconnect.com URL: www.euro-gasman.com

PRODUCT: HYDROGEN SULPHIDE/METHANE/CARBON DIOXIDE/OXYGEN BALANCE NITROGEN PAGE: 3/3

SDS NO: 082A

Version: 4

Date: 13 March 2003

14. TRANSPORT INFORMATION

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

UN number:	UN1950	
Proper Shipping Name:	Aerosols (ADR/IMDG)	Aerosols, non-flammable (IATA)
Class:	2 (ADR/IMDG)	2.2 (IATA)
ADR classification code:	5A	
Packing Group:	N/A	
Marine Pollutant:	N/A	

15. REGULATORY INFORMATION

Regulatory Information Mixtures <200ppm are classified as non-toxic/ non-flammable.

Mixtures containing \geq 200ppm of Hydrogen Sulphide are Classified as Toxic according to Directives 88/379/EEC, 67/548/EEC and the UK's CHIP 2002 (as currently amended) Regulations.

16. OTHER INFORMATION

For mixtures containing \geq 200ppm to < 5% of Methane and \geq to 200ppm and <1% of Hydrogen Sulphide

R26	Very Toxic by inhalation
R50	Very toxic to aquatic organisms
S(1/2)	Keep locked up and out of the reach of children
S9	Keep container in a well-ventilated place
S28	After contact with skin, wash immediately with plenty of water
S36/37	Wear suitable protective clothing and gloves
S45	In case of accident or if you feel unwell seek medical advice immediately
S61	Avoid release to the environment. Refer to special instructions/safety data sheet

This SDS has been prepared in accordance with the Chemicals (Hazard Information and Packaging for Supply Regulation 2002 (as currently amended). The information is based on the best knowledge of Euro-Gas Management Services 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.

SDS/082A/13th March 2003

**EUROPEAN DISTRIBUTOR – KOMYO – KITAGAWA PRECISION GAS ANALYSERS
SUPPLIER OF CALIBRATION PRODUCTS AND GAS DETECTION EQUIPMENT**