

## SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT: C1-C6 Hydrocarbons / Acetylene / Carbon Monoxide / Carbon Dioxide / Hydrogen / N2 PAGE: 1/3

SDS NO: 085

Version: 4

Date: 16 December 2004

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

SDS NO: 085

Product Name: <250ppmC1--6Hydrocarbons/Acetylene/CarbonMonoxide/  
Carbon Dioxide/Hydrogen//N2 (≥ 17 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 In high concentrations may cause asphyxiation  
Compressed gas

Acetylene may react with copper, silver or mercury to form dangerous acetylides. In moist conditions brass and aluminium-bronze may also react.

### 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. 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.

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

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## 6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures In terms of weight, these containers hold very little contents.

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## 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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection Ensure adequate ventilation

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

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## 10. STABILITY AND REACTIVITY

Stability and reactivity Stable under normal conditions.

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## 11. TOXICOLOGICAL INFORMATION

General No known toxicological effects from this product. This mixture contains substances, which at higher concentrations are hazardous to health. OEM CO = 30ppm LTEL, 200ppm STEL

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## 12. ECOLOGICAL INFORMATION

General No ecological damage caused by this product

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### 13. DISPOSAL INFORMATION

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

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### 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 nitrogen, CO,CO2,C1-C6 Hydrocarbons)  
Class: 2 (ADR) 2.2 (IMDG/IATA)  
ADR classification code: 1A  
Packing Group: N/A  
Marine Pollutant: N/A

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### 15. REGULATORY INFORMATION

Regulatory Information Classified non-flammable/non-toxic according to Directives 88/379/EEC, 67/548/EEC and the UK's CHIP 2002 (as currently amended) Regulations.

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### 16. OTHER INFORMATION

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.

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SDS/085/16<sup>th</sup> December 2004