

## MATERIAL SAFETY DATA SHEET

Prepared to Commission Directive 1907/2006 (REACH)

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### WHAT IS THE PRODUCT AND WHAT INFORMATION IS REQUIRED IN AN EMERGENCY?

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#### SECTION 1 - IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

**Product Name:** Carbon Monoxide (CO) Alarm Test Gas

**Part Number:** EG-GASCO

**Supplier:** Sprue Safety Products Ltd, Vanguard Centre, Sir William Lyons Road, Coventry, CV4 7EZ, UK

Technical Support Line: +44 (0) 800 141 2561 Eire dial: 1-800 523171

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#### SECTION 2 - HAZARD IDENTIFICATION

##### OVER-EXPOSURE:

##### Inhalation:

- In high concentrations may cause asphyxiation.

##### FIRE AND EXPLOSION HAZARDS:

- This product is classed as non-flammable;
- Compressed gas - as with all pressurised aerosol containers, canisters may burst if heated to over 50°C (122°F).

#### SECTION 3 - COMPOSITION/INFORMATION ON COMPONENTS

##### Substance/Preparation:

- Preparation approx. 300ppm Carbon Monoxide balance Nitrogen.

##### Composition/Impurities:

- Contains no other components or impurities, which will influence the classification of the product.

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### WHAT SHOULD BE DONE IF A HAZARDOUS SITUATION OCCURS?

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#### SECTION 4 - FIRST AID MEASURES

##### Ingestion:

- Ingestion is not considered a potential route of exposure;

##### Inhalation:

- In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim is not aware of asphyxiation. Remove victim to non-contaminated area wearing self-contained breathing apparatus. Keep victim warm and rested.
- Call a doctor.
- Apply artificial respiration if breathing stopped.

#### SECTION 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.

## SECTION 6 - ACCIDENTAL RELEASE (SPILL AND LEAK) 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.

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## HOW CAN HAZARDOUS SITUATIONS BE PREVENTED FROM OCCURRING?

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## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING, STORAGE & USE

### Safe handling:

- Use only on specified alarm equipment, which is suitable for this product. Contact your Alarm test gas supplier if in doubt. Refer to Alarm test gas supplier's handling instructions;
- Contents are under pressure - do not puncture or force open canisters even when empty;

### Safe Storage:

- Observe official regulations on storing, packaging pressurised canisters;
- Store canisters in cool, dry, well-ventilated locations away from direct sunlight and do not store at temperatures exceeding 50°C (122°F) (e.g. passenger or back seat of a car in summer months);

### Safe Use:

- Ensure good ventilation/mechanical exhaustion at workplace - if this is not possible, take regular breaks from use;
- Do not deliberately inhale gas;
- Follow label directions carefully;

## SECTION 8 - EXPOSURE CONTROLS

### Respiratory Protection:

- No protective device is required during normal use of product;
- Ensure adequate ventilation - mechanical ventilation is recommended where product is used in confined spaces- if this is not possible, take regular breaks in fresh air.

### Hand and Eye Protection:

- None required.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Physical & Chemical properties:

Relative density, gas	Heavier than air
Solubility in water (mg/L)	Not specified but considered to have low solubility
Appearance/Colour	Colourless gas
Odour	None

## SECTION 10- STABILITY & REACTIVITY

### Stability:

- Product is stable under normal conditions;

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## WHAT IS THE IMPACT OF THIS PRODUCT ON HEALTH AND THE ENVIRONMENT?

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## SECTION 11 - TOXICOLOGICAL INFORMATION

Under normal usage, this product should pose little risk to the health of the user.

### General:

- No known toxicological effects from this product

## SECTION 12 - ECOLOGICAL INFORMATION

### General:

- No ecological damage caused by this product

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

### **Waste disposal method:**

- Do not discharge into any place where its accumulation could be dangerous. Used containers are acceptable for disposal in the normal waste stream.

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WHAT INFORMATION DO I NEED TO KNOW REGARDING THE TRANSPORTATION, CLASSIFICATION, PACKAGING AND LABELLING OF THIS PRODUCT?

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## **SECTION 14 - TRANSPORT INFORMATION**

### **Designation of goods/Proper shipping name:**

- Aerosols Asphyxiant;

### **UN- Number:**

- UN 1950;

### **Land Transport (ADR/RID):**

- ADR/RID class: 2.2 gasses that are compressed, liquefied or dissolved under pressure;
- Classification code 5<sup>o</sup>A;

### **Maritime Transport (IMDG)/Land-Sea Interface:**

- IMDG class: 2; page 2102;

### **Air Transport (ICAO-TI/IATA):**

- ICAO/IATA class: 2.2.Aerosols non-flammable

## **SECTION 15- REGULATORY INFORMATION**

### **Designation according to EC Guidelines**

This product has been classified and labelled in accordance with relevant EC Directives and national laws including the HSE Approved Supply List (L142) and the UK's CHIP (as currently amended) Regulations.

- **Risk Phrases**

R61 May cause harm to the unborn child

- **Safety Phrases**

S2 Keep out of reach of children

S3 Keep in a cool place

S9 Keep in well-ventilated place

S22 Do not breathe gas

S45 In case of accident or if you feel unwell seek medical advice immediately

S51 Use only in well ventilated areas

## **SECTION 16 - OTHER INFORMATION**

### **Revision Status:**

1. New Material Safety Data Sheet

06.09.2012

This MSDS has been prepared in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations, July 2002. The information is based on the best knowledge of Sprue Safety Products 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 purposes other than it is intended.