

# STATUS SCIENTIFIC CONTROLS

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**SAFETY DATA SHEET**  
**NO. 113**  
**CALIBRATION CHECK GAS**  
**25PPM HYDROGEN SULPHIDE**  
**BALANCE NITROGEN**

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**1. Identification of the substance/preparation and of the company**

**MSDS N°:** MGSDA 113  
**Product Name:** Inert Gas Mixture  
**Company Identification:** See Heading and/or footer  
**Emergency Phone N°:** See Heading and/or footer

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**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

**Substance/Preparation:** Preparation  
**Components/Impurities:** Contains no other components or impurities  
Which will influence the classification of the  
Product  
**EEC Nr (from EINECS):** Not applicable for the preparation

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**3. HAZARDS IDENTIFICATION:**

**Hazards Identification:** In high concentrations may cause asphyxiation  
Compressed Gas

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**4. FIRST AID MEASURES:**

**Inhalation:** In high concentrations may cause asphyxiation.  
Symptoms may include loss of mobility or  
Consciousness. Remove victim to unaffected  
Area wearing self contained breathing apparatus.  
Keep victim warm and call a doctor, apply  
Artificial respiration if breathing stops.  
**Ingestion:** Ingestion is not considered a potential route of  
Exposure.

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**5. FIRE FIGHTING MEASURES:**

**Specific Hazards:** Exposure to fire may cause containers to rupture  
Or explode. Non flammable.  
**Hazards Combustion  
Products:** None

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<b>Suitable extinguishing Media:</b>	All known extinguishers can be used
<b>Specific Methods:</b>	If possible stop flow of product or cool container From a protected position.
<b>Special protective Equipment for Fire Fighters:</b>	If confined space use self contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES:**

<b>Personnel Precautions:</b>	Wear self contained breathing apparatus unless Area is proved safe. Evacuate area.
<b>Environmental precautions</b>	Try to stop release (use self contained breathing Apparatus)
<b>Clean-up methods:</b>	Ventilate area thoroughly and do not enter Without breathing equipment unless area has been pronounced safe

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**7. HANDLING & STORAGE:**

<b>Handling &amp; Storage:</b>	Use cylinders only in well ventilated areas. Suck back of water into the container must be Prevented. Do not allow back feed in to the Container. Use only properly specified Equipment which is suitable for this product, its Supply and temperature. Contact your gas Supplier if in doubt. Keep container below 50 Degrees celcius.
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**8. EXPOSURE CONTROL/PERSONAL PROTECTION:**

<b>Personal Protection:</b>	Ensure adequate ventilation.
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**9. PHYSICAL & CHEMICAL PROPERTIES:**

<b>Relative Density Gas:</b>	Lighter or similar to air
<b>Solubility mg/l water:</b>	Not known, but considered to have low Solubility
<b>Appearance/Colour:</b>	Colourless Gas
<b>Odour:</b>	“Bad Egg” smell (H <sub>2</sub> S)

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**10. STABILITY & REACTIVITY:**

**Stability & Reactivity:** Stable under normal circumstances

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**11. TOXICOLOGICAL INFORMATION:**

**General:** No toxicological effects from this product.

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**12. ECOLOGICAL INFORMATION:**

**General:** No ecological damage caused by this product.

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**13. DISPOSAL CONSIDERATIONS:**

**General:** Do not discharge into any place where its build  
Up could be dangerous.

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**14. TRANSPORT INFORMATION:**

**UN Nr.** 1956  
**ADR/RID Item Nr:** 2.2  
**Labelling ADR:** Label 2: Non flammable non toxic gas  
**EMS Nr:** 2-04  
**Mfag:** 620  
**IMDG Nr:** 2124

**Other transport information:**

Avoid transporting on vehicles where the load  
Space is not separated from the drivers  
Compartment. Ensure the driver is aware of  
The potential hazards and knows what to do in  
The event of an accident or emergency.

**Before transporting product containers ensure that:**

- :-** Cylinder is secure
  - :-** The valve protection device is firmly fitted
  - :-** There is adequate ventilation
  - :-** Compliance with regulations
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**15. REGULATORY INFORMATION:**

<b>Number of Annex 1 of Dir 67/548:</b>	Not applicable for preparations
<b>EC Classification:</b>	Not classified as dangerous substance
<b>Labelling of Cylinders:</b>	Label 2: Non flammable Non toxic gas
<b>Risk Phrases:</b>	RAs Asphyxiate in high concentrations
<b>Safety Phrases:</b>	S9 Keep container in well ventilated places S23 Do not breathe gas

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**16. OTHER INFORMATION:**

The hazard of asphyxiation is often overlooked and must be during operator training. Before using this product in any new process or experiment, a thorough safety and compatibility study must be carried out. 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 production of this document, no liability for injury or damage resulting from its use can be accepted.