

SAFETY DATA SHEET
NO. 179
CALIBRATION CHECK GAS
0.7% (50% LEL) PENTANE/AIR

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

MSDS N°: MGSDA 179
Product Name: Inert Gas Mixture
Company Identification: See Heading and/or footer
Emergency Phone N°: See Heading and/or footer

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

3. HAZARDS IDENTIFICATION:

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

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.

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

6. ACCIDENTAL RELEASE MEASURES:

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

7. HANDLING & STORAGE:

Handling & Storage:	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 celsius.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION:

Personal Protection:	Ensure adequate ventilation.
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9. PHYSICAL & 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 & REACTIVITY:

Stability & Reactivity: Stable under normal circumstances

11. TOXICOLOGICAL INFORMATION:

General: No toxicological effects from this product.

12. ECOLOGICAL INFORMATION:

General: No ecological damage caused by this product.

13. DISPOSAL CONSIDERATIONS:

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

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:

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

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.