

SAFETY DATA SHEET



MIG/ARG/100 DISPOSABLE GAS CYLINDER

1. SUPPLIER	Sealey Quality Machinery, Kempson Way, Suffolk Business Park, Bury St. Edmunds, Suffolk. IP32 7AR.	Telephone: 01284 757500 Fax: 01284 703534 E-mail: sales@sealey.co.uk Web: www.sealey.co.uk
2. APPLICATION	Portable / disposable gas cylinder for the mobile welder containing ARGON.	
3. COMPOSITION/INFORMATION ON INGREDIENTS	Product not classified among the dangerous ones under the provisions of the directives 67/548/EEC and 1999/45/EC and amendments or adaptations Danger Symbols: None R-Phrases: None FREE FROM THE RECORDING OBLIGATION ACCORDING TO ARTICLE 2, SECTION 7, LETTER a) of the (EC) regulation nr. 1907/2006 (REACH) ARGON > 99.99% CAS No. 07440-37-1 EEC No. 231-147-0	
4. HAZARD IDENTIFICATION	It may cause suffocation in case of high concentration.	
5. FIRST AID MEASURES	Inhalation:	In case of indisposition or suffocation symptoms, move the injured person away from the accident site to a fresh and ventilated place. Immediately call a doctor.
	Ingestion:	Unlikely way of exposure.
	Eye & Skin contact:	No effect.
6. FIRE-FIGHTING MEASURES	Specific Hazards:	Non flammable. Closed containers exposed to fire heat may generate overpressure and explode.
	Combustion products:	No hazardous combustion products.
	Extinguishing media:	All known extinguishants can be used.
	Specific methods:	If possible, stop flow of product. Move container away or cool with water from a protected position. Inform emergency services of the nature of the product.
	Protective equipment:	Wear complete equipment with eye shield helmet and neck protection, pressure or demand breathing apparatus.
7. ACCIDENTAL RELEASE MEASURES	Personal precautions:	Use the breathing apparatus to enter the concerned area. Evacuate the area and ensure proper ventilation.
	Environmental:	Prevent it from accessing sewage, basements, excavations and places where accumulation can be dangerous.
	Clean up methods:	Ventilate area.
8. STORAGE AND HANDLING	HANDLING For container handling, use proper personal protective equipment such as safety shoes and gloves. Carefully handle the containers, thus avoiding violent collisions between them or against other surfaces, as well as falls and other mechanical strains susceptible to damage their integrity / resistance. STORAGE Gas-based containers cannot be directly exposed to sunshine rays, nor be close to heat sources or in places where temperature can reach 50° C or more.	
9. EXPOSURE CONTROLS/ PERSONAL PROTECTION	Ensure proper ventilation (natural or forced) where carbon dioxide is stored and/or used. EXPOSURE THRESHOLD VALUES TLV-ACGIH: simple asphyxiating PEL-OSHA: simple asphyxiating Personal precautions: Ensure adequate ventilation.	
10. PHYSICAL & CHEMICAL PROPERTIES	Physical state at 20 °C: Compressed gas Colour: Colourless Odour: None perceptible Molecular weight: 40 Melting point: - 189 °C Boiling point: - 186 °C Critical temperature: - 122 °C Vapour pressure: Not applicable Density, gas (air=1): 1.38 Solubility into water: 61 mg/l Flash limits: Non flammable	
11. STABILITY & REACTIVITY	The product is stable under normal use and storage conditions.	
12. TOXICOLOGICAL INFORMATION	General:	No known toxicological effects.
13. ECOLOGICAL INFORMATION	General:	No known environment damages caused by this gas.
14. DISPOSAL CONSIDERATIONS	General:	Do not directly release in the atmosphere. Dispose the container according to the applicable national regulations. CER code applicable 20 01 40

15. TRANSPORT INFORMATION**ROAD-RAIL TRANSPORTATION**

ADR/RID class: 2

UN: 1006

Packing Group: n.a.

Label: 2.2

Proper Shipping Name: PRESSURIZED/COMPRESSED ARGON

SEA TRANSPORT:

IMO Class: 2

UN: 1006

Packing Group: n.a.

Label: 2.2

EMS: F-C, S-V

Proper Shipping Name: PRESSURIZED/COMPRESSED ARGON

AIR TRANSPORT:

IATA: 2

UN: 1006

Packing Group: n.a.

Label: 2.2

Cargo:

Packing instructions: 200

Max. quantity: 150 kg.

Pass.:

Packing instructions: 200

Max. quantity: 75 kg.

ERG code 2L

16. REGULATORY INFORMATION

Not included in annex 1.

17. OTHER INFORMATION

1. Directive 1999/45/CE and amendments or adaptations
2. Directive 67/548/CEE and amendments or adaptations
3. Regulation (CE) 1907/2006 of the European Parliament (REACH)
4. The Merck Index. Ed. 10
5. Handling Chemical Safety
6. Niosh - Registry of Toxic Effects of Chemical Substances
7. INRS - Fiche Toxicologique
8. Patty - Industrial Hygiene and Toxicology

Legal Disclaimer: The information on this sheet is based on the available knowledge at the time of our last revision.

The user must make sure that information is appropriate and complete for the specific product destination.

This document cannot be considered as a warranty for specific properties of the product.

As product use does not fall on our direct control, the user must bear full responsibility for complying with all the rules and regulations in force relating to hygiene and safety. We disclaim any responsibility for improper uses.