

# ARCAL 23



**ARCAL** : the Air Liquide solution for shielding gases and mixtures in arc welding

## ● Application

MAG welding of carbon steels with solid wires

## ● Transport information

### Compressed gas

Proper shipping name      Compressed gas, N.O.S.  
 UN Nr                              1956  
 ADR/RID                         Class 2  
    Classification Code 1 A



## ● Safety Data Sheets

Access: [www.airliquide.no](http://www.airliquide.no)

## ● Physical information

Relative density, gas . . . . . heavier than air  
 Colour . . . . . colourless gas  
 Odor . . . . . none

## ● Properties

Hazards identification: in high concentrations may cause asphyxiation  
 Flammability range: non flammable  
 Personal protection: ensure adequate ventilation

## ● Cylinder equipment

Valve fittings :  
 W 24.32 x 1/14", right, external thread, DIN 10  
 SMARTOP: W 24.32 x 1/14", right, external thread, DIN 10  
 Shoulder colour: bright green (RAL 6018)



## ● Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	Capacity (m <sup>3</sup> )	Product reference
O <sub>2</sub>	4 %	±0.5 %	H <sub>2</sub> O	≤ 40	Cylinder	L50 Smartop	200	11.2	I2572L50S2A001
CO <sub>2</sub>	5 %	±0.5 %	N <sub>2</sub>	≤ 200	Bundle	V15	200	133.9	I2572V15Z2A001
Ar	Balance								

Product compliant with EN ISO 14175-M23-ArCO-5/4 Standard (welding application)

## DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. AIR LIQUIDE assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.