

ARCAL 33



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

● Applications

- MIG welding of aluminum and copper alloys
- TIG welding of all materials
- TIG welding of H2 sensitive materials
- Annular gas for plasma welding of aluminum

● 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 Sheet

Access: www.airliquide.no

● Product Specifications

| Components (% Vol. abs) | | | Impurities (ppm v/v) | Supply mode | Packaging size | Pressure (bar) | Capacity (m³) | Product reference |
|-------------------------|---------|------|-------------------------------|-------------|----------------|----------------|---------------|-------------------|
| He | 30 % | ±3 % | H ₂ O (5 bar) ≤ 40 | Cylinder | L50 | 200 | 10.6 | I2595L50R2A001 |
| Ar | Balance | | O ₂ ≤ 20 | | | | | |
| | | | N ₂ ≤ 80 | | | | | |

Product compliant with ISO 14175-13-ArHe-30 standards (welding application)

● 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
 Shoulder colour: bright green (RAL 6018)



DISCLAIMER

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