

# METHANE 3.5 / CH<sub>4</sub>



## Applications

Laboratory Research  
Combustion gas

## Transport information

### Compressed gases

|                      |                         |
|----------------------|-------------------------|
| Proper shipping name | Methane, compressed     |
| UN-Nr                | 1971                    |
| ADR/RID              | Class 2                 |
|                      | Classification code 1 F |



## Safety Data Sheets

Compressed gas : SDS-078A-CLP

Access:

[https://drive.google.com/file/d/19KVzVC4mCukBKGmm0GCs4gVAr3VagXkA/view?usp=drive\\_link](https://drive.google.com/file/d/19KVzVC4mCukBKGmm0GCs4gVAr3VagXkA/view?usp=drive_link)

## Physical information

|                                 |                |
|---------------------------------|----------------|
| Molecular weight                | 16 g/mol       |
| Relative density:               |                |
| Relative density, gas           | 0,6 (air=1)    |
| Relative density, liquid        | 0,42 (water=1) |
| Relative density, liquefied Gas | 0,42 (water=1) |
| Colour                          | Colorless      |
| Odor                            | Odorless       |
| CAS number                      | 74-82-8        |

## Properties

**Hazards identification:** Extremely flammable, can cause asphyxiation

**Flammability range:** 4.4 to 17 (% vol in the air)



## Cylinder equipment

### Valve fittings

BS341 - No 4

### Shoulder colour:

Red (RAL 3000)



## Product Specifications

| Global purity (% Vol. abs)<br><u>CH<sub>4</sub></u> | Impurities (ppm-mol)                | Supply mode | Packaging size | Pressure | Capacity | Product reference |
|-----------------------------------------------------|-------------------------------------|-------------|----------------|----------|----------|-------------------|
| ≥ 99,95 %                                           | H <sub>2</sub> O < 20               | Cylinder    | 10L            | 200 bar  | 2,5 m3   | P0712S10R2A001    |
|                                                     | O <sub>2</sub> < 20                 | Cylinder    | 50L            | 200 bar  | 12,6 m3  | P0712L50R2A001    |
|                                                     | N <sub>2</sub> < 100                | Bundle      | V16*50L        | 200 bar  | 206,4 m3 | P0712V16R2A001    |
|                                                     | CO <sub>2</sub> < 50                |             |                |          |          |                   |
|                                                     | C <sub>2</sub> H <sub>6</sub> < 300 |             |                |          |          |                   |
|                                                     | C <sub>2</sub> H <sub>4</sub> < 10  |             |                |          |          |                   |
|                                                     | other HC < 20                       |             |                |          |          |                   |

## Additional information

Storability: 60 months

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