

# AMMONIA N36 / NH<sub>3</sub>



*Air Liquide delivers ammonia in Europe under optimal safety conditions in a mode of supply to suit each of our customer's needs: cylinder, container or liquid*

Air Liquide's Gas Encyclopedia - Pages: 951 - 972

## Applications

R&D

## Transport information

### Compressed gases

|                      |                          |
|----------------------|--------------------------|
| Proper shipping name | Ammonia, anhydrous       |
| UN-Nr                | 1005                     |
| ADR/RID              | Class 2                  |
|                      | Classification code 2 TC |



## Safety Data Sheets

Compressed gas : N° EIGA002  
Access: <https://be.airliquide.com/>

## Physical information

|                       |             |
|-----------------------|-------------|
| Molecular weight      | 17 g/mol    |
| Relative density:     |             |
| Relative density, gas | 0.6 (air=1) |
| Colour                | Colorless   |
| Odor                  | Ammoniacal  |
| CAS number            | 7664-41-7   |

## Properties

**Hazards identification:** Toxic gas, dangerous for the environment, flammable, toxic by inhalation

**Flammability range:** 15.4 to 33.6 (% vol in the air)

**Personal protection:** Ensure adequate ventilation – protect eyes, face and skin from liquid splashes



## Cylinder equipment

**Shoulder colour:**  
Yellow (RAL 1018)



## Product Specifications

| NH <sub>3</sub> | Impurities (ppm w/w)   | Supply mode | Packaging size | Pressure | Capacity | Product reference |
|-----------------|------------------------|-------------|----------------|----------|----------|-------------------|
| ~99,96 %        | H <sub>2</sub> O ≤ 100 | Cylinder    | 14L            | 6 bar    | 7 kg     | P0910M14R0A001    |

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