

NH₃-1 Ammonia Reagent 1

MARTINI
instruments

Health & Safety data sheet

According to EC Directive 91/155/EC and following amendments

Date of issue: 16 December 2004.

1- Identification of the product and of the company

Product name:

- NH₃-1 Ammonia Reagent 1.

Application:

- Determination of ammonia in water samples.

Distributor identification: Milwaukee s.r.l.
c.so Leonardo da Vinci 48/50
21013 Gallarate (VA), Italy
tel.: +39 0331 268009

Emergency Telephone n. °: +39-02-66101029
CENTRO ANTIVELENI
OSPEDALE NIGUARDA (MI) - ITALY

2 - Composition/information on ingredients

Aqueous solution.

3 - Hazard identification

No hazardous product as specified in Directive 67/548/EEC.

4 - First aid measures

- **After inhalation** : fresh air.
- **After skin contact** : wash off with plenty of water.
- **After eye contact** : rinse out with water.
- **After swallowing** : wash out mouth thoroughly with water and give plenty of water to drink.
In severe cases obtain medical attention.

5 - Fire-fighting measures

- **Suitable extinguishing media:**
 - Water spray, foam, dry powder or carbon dioxide.
- **Special risks:**
 - NA
- **Special protective equipment for fire fighting:**
 - Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
 - Non-combustible.

6 - Accidental release measures

- **Personal precautions:**
 - Do not inhale vapors. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

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- **Environmental precautions:**
 - None.

7 - Handling and storage

- **Handling:**
 - Cannot be stored indefinitely.
- **Storage:**
 - Tightly closed. Store at room temperature (+15 to +25 °C recommended).

8 - Exposure control/personal protection

- **Personal protective equipment:**
 - As appropriate to quantity handled.
- **Protective gloves:**
 - Rubber or plastic
- **Respiratory protection:**
 - Required when vapors/aerosols are generated. Work under hood.
- **Eye protection:**
 - Goggles or face mask

9 - Physical/chemical properties

- | | | | |
|------------------------------|------------|-------------------------------|--------------------------|
| • appearance | : liquid | • boiling point | : ND |
| • odor | : odorless | • ignition temperature | : NA |
| • solubility in water | : soluble | • flash point | : NA |
| • melting point | : ND | • density at 20°C | : 1.22 g/cm ³ |
| • pH value at 20°C | : 12.5 | | |

10 - Stability and reactivity

- **Conditions to be avoided:**
 - Strong heating.
- **Hazardous decomposition products:**
 - In the event of fire: see section 5.
- **Substances to be avoided:**
 - The generally known reaction partners of water.
- **Hazardous polymerization:**
 - Will not occur.

11 - Toxicological information

Quantitative data on the toxicity of this product are not available.

- **Further data** : the product should be handled with the care usual when dealing with chemicals.

12 - Ecological information

- **Ecotoxic effect** : quantitative data on the ecological effect of this product are not available.
- **Further ecological data:** no ecological problems are to be expected when the product is handled and used with due care and attention.

13 - Disposal considerations

- **Waste disposal:**
 - Can be safely disposed of as an ordinary refuse.

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14 - Transport information

- **Land transport**

ADR/RID	: 9/UN 3316/PGII
Name	: CHEMICAL KIT

- **Sea transport**

IMDG	: 9/UN 3316/PGII
Name	: CHEMICAL KIT

- **Air transport**

ICAO/IATA	: 9/UN 3316/PGII
Name	: CHEMICAL KIT

These transport data apply to the COMPLETE KIT!

15 - Regulatory information

Labeling according to EC Directives:

Symbol: -
R-phrases: -
S-phrases: -
Contains: -

16 - Other information

- **Supersedes edition of** : / (1st edition)
- **Legend**

: NA	Not applicable
: ND	Not determined

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.