

according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 1 of 11

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Ammonia solution 2.5% NH3 for analysis

UFI:

MVG9-422C-Y00D-4V32

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

## Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

### Uses advised against

Do not use for private purposes (household).

#### 1.3. Details of the supplier of the safety data sheet

Company name:	AnalytiChem GmbH	
	ACD	
Street:	Stempelstraße 6	
Place:	D-47167 Duisburg	
Telephone:	0203/5194-0	Telefax: 0203/5194-290
E-mail:	info@analytichem.de	
Contact person:	Abteilung Produktsicherheit	Telephone: 0203/5194-107/117
E-mail:	produktsicherheit@analytichem.de	
Internet:	www.analytichem.de	
Responsible Department:	Abteilung Produktsicherheit	
1.4. Emergency telephone	For Hazardous Materials [or Danger	rous Goods] Incidents Spill, Leak, Fire,
number:	•	REC Day or Night Within USA and Canada: Canada: +1 703-741-5970 (collect calls

**Further Information** 

This product is a mixture. REACH Registration Number see section 3.

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

## 2.2. Label elements

### Regulation (EC) No 1272/2008

Signal word:

Pictograms:



# Hazard statements

H315 H319

Causes skin irritation. Causes serious eye irritation.



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024	Product code: 25821	Page 2 of 11							
H400	Very toxic to aquatic life.								
H412	Harmful to aquatic life with long lasting effects.								
Precautionary statemer	nts								
P273	Avoid release to the environment.								
P280	Wear protective gloves and eye/face protection.								
P302+P352	IF ON SKIN: Wash with plenty of water.								
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.								
D227 D242									
P337+P313	If eye irritation persists: Get medical advice/attention.								
2.3 Other hazards									

### 2.3. Other hazards

No data available

### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

#### Chemical characterization

Mixtures in aqueous solution

### **Relevant ingredients**

CAS No	Chemical name	Chemical name				
	EC No	EC No Index No REACH No				
	Classification (Regulation (EC) No 1272/2008)					
1336-21-6	Ammonia	Ammonia				
	215-647-6	215-647-6 007-001-01-2 01-2119488876-14				
	Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 2; H314 H400 H411					

Full text of H and EUH statements: see section 16.

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. L	imits, M-factors and ATE	
1336-21-6	215-647-6	Ammonia	1 - < 5 %
	inhalation: LC5 Aquatic Acute 1	0 = 4230 mg/l (vapours); oral: LD50 = 350 mg/kg   STOT SE 3; H335: >= 5 - 100 ; H400: M=10	

#### **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

## **General information**

No data available

## After inhalation

Provide fresh air. Call a doctor if you feel unwell.

#### After contact with skin

#### Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse. Call a physician immediately.

## After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 3 of 11

Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye.

# After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Do not allow a neutralisation agent to be drunk. Call a physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Irritant Cough Dyspnoea Risk of serious damage to eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

# Unsuitable extinguishing media

no restriction

### 5.2. Special hazards arising from the substance or mixture

Non-combustible liquids Hazardous combustion products In case of fire may be liberated: Nitrogen oxides (NOx)

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Avoid contact with skin, eyes and clothes.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

## For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Remove persons to safety. Emergency procedures Do not breathe dust/fume/gas/mist/vapours/spray.

#### For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

## 6.3. Methods and material for containment and cleaning up



according to Regulation (EC) No 1907/2006

### Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 4 of 11

## For containment

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

#### Other information

Provide adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

## 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

#### Advice on safe handling

Read label before use. Handle and open container with care. When using do not eat, drink, smoke, sniff. Use personal protection equipment. Use extractor hood (laboratory). Provide adequate ventilation. Do not breathe vapour/aerosol. Avoid contact with skin, eyes and clothes.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

### Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Avoid: aerosol or mist formation Do not breathe vapour/aerosol.

#### Further information on handling

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Take off immediately all contaminated clothing and wash it before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No data available

#### Further information on storage conditions

storage temperature +5°C - +25°C Keep away from heat. Protect from sunlight.

#### 7.3. Specific end use(s)

Laboratory chemicals

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 5 of 11

#### **Occupational exposure limits**

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
7664-41-7	Ammonia, anhydrous	20	14		TWA (8 h)	
		50	36		STEL (15 min)	

## **DNEL/DMEL** values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
1336-21-6	Ammonia		·	•
Worker DNEL,	long-term	inhalation	systemic	47,6 mg/m³
Worker DNEL,	acute	inhalation	systemic	47,6 mg/m³
Worker DNEL,	long-term	inhalation	local	14 mg/m³
Worker DNEL,	acute	inhalation	local	36 mg/m <sup>3</sup>
Worker DNEL,	long-term	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL,	acute	dermal	systemic	6,8 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	23,8 mg/m³
Consumer DN	EL, acute	inhalation	systemic	23,8 mg/m³
Consumer DN	EL, long-term	inhalation	local	2,8 mg/m³
Consumer DN	EL, acute	inhalation	local	7,2 mg/m³
Consumer DN	EL, long-term	dermal	systemic	68 mg/kg bw/day
Consumer DN	EL, acute	dermal	systemic	68 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	6,8 mg/kg bw/day
Consumer DN	EL, acute	oral	systemic	6,8 mg/kg bw/day

## **PNEC** values

CAS No	Substance				
Environmental compartment Value					
1336-21-6	336-21-6 Ammonia				
Freshwater	Freshwater 0,001 mg/l				
Freshwater (intermittent releases) 0,007 mg/l					
Marine water 0,001 mg/					

## 8.2. Exposure controls

#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

goggles

Wear eye/face protection.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 6 of 11

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm Wearing time with permanent contact: > 480 min

By short-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

### Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

#### **Respiratory protection**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Filtering device with filter or ventilator filtering device of type: K

## **Environmental exposure controls**

Do not allow to enter into surface water or drains.

#### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state: Colour: Odour:	Liquid colourless stinging	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and		No data available
boiling range:		
Flammability:		No data available
Lower explosion limits:		No data available
Upper explosion limits:		No data available
Flash point:		No data available
Auto-ignition temperature:		No data available
Decomposition temperature:		No data available
pH-Value (at 20 °C):		alkaline
Viscosity / kinematic:		No data available
Water solubility:		completely miscible
Solubility in other solvents		
No data available		
Partition coefficient n-octanol/water:		No data available
Vapour pressure:		No data available
(at 20 °C)		
Vapour pressure:		No data available



## according to Regulation (EC) No 1907/2006

Ammonia solution 2.5% NH3 for analysis						
Revision date: 14.02.2024	Product code: 25821	Page 7 of 11				
Density:	0,9874 g/cm³					
Bulk density:	No data available					
Relative vapour density:	No data available					
9.2. Other information						
Information with regard to physical haza	ard classes					
Explosive properties						
No data available						
Sustaining combustion:	No data available					
Self-ignition temperature						
Solid:	No data available					
Gas:	No data available					
Oxidizing properties						
No data available						
Other safety characteristics						
Evaporation rate:	No data available					
Solvent separation test:	No data available					
Solid content:	0					
Sublimation point:	No data available					
Softening point:	No data available					
Pour point:	No data available					
No data available:						
Viscosity / dynamic:	No data available					
Flow time:	No data available					
Further Information						
No data available						

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

Acid

## 10.4. Conditions to avoid

Heat

#### 10.5. Incompatible materials No data available

NO Gala available

#### **10.6. Hazardous decomposition products** In case of fire may be liberated:

SECTION 5: Firefighting measures

#### **Further information**

No data available

## **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

# Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 8 of 11

## Acute toxicity

Based on available data, the classification criteria are not met.

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name	Chemical name									
	Exposure route	Dose	Dose Specie		Species		Source	Method			
1336-21-6	Ammonia										
	oral	LD50 mg/kg	350	Rat	Journal of Industria Hygiene and Toxico						
	inhalation (1 h) vapour	LC50	4230 mg/l	Mouse	Bull. Environm. Contam. Toxicol, 1982, 2	Assessment of acute inhalation toxicity					

### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Specific effects in experiment on an animal

There are no data available on the preparation/mixture itself.

#### Additional information on tests

There are no data available on the preparation/mixture itself.

#### **Practical experience**

There are no data available on the preparation/mixture itself.

## 11.2. Information on other hazards

Other information Irritant Cough Dyspnoea Risk of serious damage to eyes.

#### **SECTION 12: Ecological information**

### 12.1. Toxicity

Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 9 of 11

CAS No	Chemical name	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
1336-21-6	Ammonia							
	Acute fish toxicity	LC50 3,4 mg/l	0,75 -	96 h	Pimephales promelas	Trans Amer Fish Soc; 112 (5). 1983. 705-	Assessment of acute toxicity in the fath	
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	Environ. Toxicol. Chem. 5: 443-447 (1986	other: ASTM E729-80	
	Fish toxicity	NOEC	1,2 mg/l		Oncorhynchus gorbuscha	Fish. Bull. 78(3): 641-648 (1980)	OECD Guideline 210	

# 12.2. Persistence and degradability

Not readily biodegradable (according to OECD criteria)

# 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1336-21-6	Ammonia	-1,38

## 12.4. Mobility in soil

There are no data available on the mixture itself.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### **Further information**

Do not allow to enter into surface water or drains. Discharge into the environment must be avoided.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Send to a physico-chemical treatment facility under observation of official regulations. Do not allow to enter into surface water or drains.

#### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

### **SECTION 14: Transport information**

#### Land transport (ADR/RID)

14.1. UN number or ID number:14.2. UN proper shipping name:14.3. Transport hazard class(es):14.4. Packing group:

No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.

# Inland waterways transport (ADN)



according to Regulation (EC) No 1907/2006

Revision date: 14.02.2024       Pro         14.1. UN number or ID number:       No dangerou         14.2. UN proper shipping name:       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.4. Packing group:       No dangerou         Marine transport (IMDG)       No dangerou         14.2. UN proper shipping name:       No dangerou         14.1. UN number or ID number:       No dangerou         14.2. UN proper shipping name:       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.4. Packing group:       No dangerou         Air transport (ICAO-TI/IATA-DGR)       No dangerou         14.1. UN number or ID number:       No dangerou	on 2.5% NH3 for analysisduct code: 25821Page 10 of 11s good in sense of this transport regulation.	
14.1. UN number or ID number:       No dangerou         14.2. UN proper shipping name:       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.4. Packing group:       No dangerou         Marine transport (IMDG)       No dangerou         14.2. UN proper shipping name:       No dangerou         14.1. UN number or ID number:       No dangerou         14.2. UN proper shipping name:       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.4. Packing group:       No dangerou         Air transport (ICAO-TI/IATA-DGR)       No dangerou         14.1. UN number or ID number:       No dangerou	5	
14.2. UN proper shipping name:No dangerou14.3. Transport hazard class(es):No dangerou14.4. Packing group:No dangerou14.4. Packing group:No dangerouMarine transport (IMDG)No dangerou14.1. UN number or ID number:No dangerou14.2. UN proper shipping name:No dangerou14.3. Transport hazard class(es):No dangerou14.4. Packing group:No dangerou14.4. Packing group:No dangerou14.1. UN number or ID number:No dangerouNo dangerouNo dangerou14.1. UN number or ID number:No dangerou	s good in sense of this transport regulation	
14.3. Transport hazard class(es): 14.4. Packing group:No dangerou No dangerouMarine transport (IMDG) 14.1. UN number or ID number: 14.2. UN proper shipping name: 14.3. Transport hazard class(es): 14.4. Packing group:No dangerou No dangerou No dangerou No dangerouAir transport (ICAO-TI/IATA-DGR) 14.1. UN number or ID number:No dangerou No dangerou	- <u></u>	
14.4. Packing group:No dangerouMarine transport (IMDG)No dangerou14.1. UN number or ID number:No dangerou14.2. UN proper shipping name:No dangerou14.3. Transport hazard class(es):No dangerou14.4. Packing group:No dangerouAir transport (ICAO-TI/IATA-DGR)No dangerou14.1. UN number or ID number:No dangerou	s good in sense of this transport regulation.	
Marine transport (IMDG)       14.1. UN number or ID number:       No dangerou         14.2. UN proper shipping name:       No dangerou         14.3. Transport hazard class(es):       No dangerou         14.4. Packing group:       No dangerou         Air transport (ICAO-TI/IATA-DGR)       No dangerou         14.1. UN number or ID number:       No dangerou	s good in sense of this transport regulation.	
14.1. UN number or ID number: 14.2. UN proper shipping name: 14.3. Transport hazard class(es): 14.4. Packing group:No dangerou No dangerouAir transport (ICAO-TI/IATA-DGR) 14.1. UN number or ID number:No dangerou	s good in sense of this transport regulation.	
14.2. UN proper shipping name:No dangerou14.3. Transport hazard class(es):No dangerou14.4. Packing group:No dangerouAir transport (ICAO-TI/IATA-DGR)No dangerou14.1. UN number or ID number:No dangerou		
14.3. Transport hazard class(es):No dangerou14.4. Packing group:No dangerouAir transport (ICAO-TI/IATA-DGR)No dangerou14.1. UN number or ID number:No dangerou	s good in sense of this transport regulation.	
14.4. Packing group:No dangerouAir transport (ICAO-TI/IATA-DGR)No dangerou14.1. UN number or ID number:No dangerou	s good in sense of this transport regulation.	
Air transport (ICAO-TI/IATA-DGR) <u>14.1. UN number or ID number:</u> No dangerou	s good in sense of this transport regulation.	
14.1. UN number or ID number: No dangerou	s good in sense of this transport regulation.	
14.2. UN proper shipping name: No dangerou	s good in sense of this transport regulation.	
	s good in sense of this transport regulation.	
	s good in sense of this transport regulation.	
14.4. Packing group: No dangerou	s good in sense of this transport regulation.	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS: No		
<b>14.6. Special precautions for user</b> No dangerous good in sense of this transport regulation	n.	
14.7. Maritime transport in bulk according to IMO instrume	<u>nts</u>	
No dangerous good in sense of this transport regulation	in.	
SECTION 15: Regulatory information		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
EU regulatory information		
Restrictions on use (REACH, annex XVII): Entry 3		
Information according to Directive E1 Hazardou 2012/18/EU (SEVESO III):	s to the Aquatic Environment	
National regulatory information		
Water hazard class (D): 2 - obviously	rictions to employment for juveniles according to the 'juvenile on guideline' (94/33/EC).	

# **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 1,12.

# Abbreviations and acronyms

Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eye Irrit: Eye irritation Aquatic Acute: Acute aquatic hazard Aquatic Chronic: Chronic aquatic hazard

## Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Aquatic Acute 1; H400	Calculation method
Aquatic Chronic 3; H412	Calculation method



according to Regulation (EC) No 1907/2006

## Ammonia solution 2.5% NH3 for analysis

Revision date: 14.02.2024

Product code: 25821

Page 11 of 11

## Relevant H and EUH statements (number and full text)

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)