

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue:26.04.2004Supersedes edition of26.05.1998

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No.:	114764
Product name:	Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ ⁻ Spectroquant®
	Reaktionsküvette

Use of the substance/preparation

Reagent for analysis

Company/undertaking identification

Company:	Merck KGaA * 64271 Darmstadt * Germany * Tel: +49 (0)6151/72-0
Emergency telephone No.:	+49 (0)6151/72112 * Fax: +49 (0)6151/72-7780

2. Composition/information on ingredients

Mixture of acids.

Hazardous ingredients:

Name accordia CAS-No.	ng to EC Directives EC No.	: EC-Index-No.	Classification	Content:
Sulphuric aci 7664-93-9	d 231-639-5	016-020-00-8	C; R35	≥ 25 - < 50 %
Phosphoric a 7664-38-2	cid 231-633-2	015-011-00-6	C; R34	≥ 25 - < 50 %
(Full text of R-Phrases in heading 16)				

3. Hazards identification

Causes severe burns.

4. First aid measures

After inhalation: fresh air. Call in physician.

After skin contact: wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing.

After eye contact: rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Immediately call in ophtalmologist.

After swallowing: make victim drink plenty of water (if necessary several litres), avoid vomiting (risk of perforation!). Immediately call in physician. Do not attempt to neutralize.

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5. Fire-fighting measures

Suitable extinguishing media: In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible. Ambient fire may liberate hazardous vapours. The following may develop in event of fire: sulfur oxides, phosphorus oxides.

Special protective equipment for fire fighting: Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information: Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Person-related precautionary measures: Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning / absorption: Take up with liquid-absorbent and neutralizing material (e.g. Chemizorb® H⁺, Art. No. 101595). Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

No further requirements.

Storage:

Tightly closed. At $+15^{\circ}$ C to $+25^{\circ}$ C.

The data apply to the entire pack.

8. Exposure controls/personal protection

Specific control parameter

EC

Nameortho-Phosphoric acidValue1 mg/m3

TRGS 900

According to EC Directive 91/155/EEC

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Name	Sulfuric acid		
Kind of use	others		
Value	0.1 mg/m ³ Inhalable fraction. The following regulation applies to the peak limit: short-term exposure duration: max. 15 minutes as mean value, frequency per shift: 4, time interval: min. 1 hour		
Peak limit	1 Concentration must not exceed limit concentration.		
Embryotoxic	Y Substances with which no foetotoxic risk is to be expected when observing the maximum allowable concentration (MAC Germany) and the biological tolerance value at the workplace (BAT Germany).		
Name	ortho-Phosphoric acid		
Value	1 mg/m^3		
Peak limit	2 exceeding factor: 2-fold in 15 minutes		

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	required when vapours/aerosols are generated.		
Eye protection:	required		
Hand protection:	In full contact: Glove material: natural latex Layer thickness: 0.6 mm Breakthrough time: > 480 Min.		
	In splash contact: Glove material: Layer thickness: Breakthrough time:	natural latex 0.6 mm > 480 Min.	
	The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 706 Lapren® (full contact), 706 Lapren® (splash contact). 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 and supplied by us as well as to the purpose specified by us. 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).		
Other protective equipment:	Acid-resistant protective c	lothing.	

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

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	Reaktionsküvette

9. Physical and chemical properties

Form:		liquid		
Polini.		nquiu		
Colour:		colourless		
Odour:		odourless		
pH value			strongly ac	cid
Melting point			not availab	ole
Boiling point			not availab	ole
Ignition temperature			not availab	ole
Flash point			not availab	ole
Explosion limits	lower		not availab	ole
	upper		not availab	ole
Density		(20 °C)	~ 1.73	g/cm ³
Solubility in				
water		(25 °C)	soluble	

10. Stability and reactivity

Conditions to be avoided

Strong heating.

Substances to be avoided

water, alkali metals, alkali compounds, ammonia, alkaline earth metals, alkalis, acids, alkaline earth compounds, metals, metal alloys, phosphorus oxides, phosphorus, hydrides, halogen-halogen compounds, oxyhalogenic compounds, permanganates, nitrates, carbides, combustible substances, organic solvents, acetylidene, nitriles, nitrides, organic nitro compounds, anilines, peroxides, picrates, lithium silicide.

Hazardous decomposition products

in the event of fire: See chapter 5.

Further information

has a corrosive effect; incompatible with metals, animal/vegetable tissues.

11. Toxicological information

Acute toxicity

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

According to EC Directive 91/155/EEC

Catalogue No.: Product name:	114764 Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ ⁻ Spectroquant® Reaktionsküvette

Further toxicological information

Property that must be anticipated on the basis from the components of the preparation: After inhalation of aerosols:damage to the affected mucous membranes. After skin contact: severe burns with formation of scabs. After eye contact: burns, corneal lesions. After swallowing: severe pain (risk of perforation!), nausea, vomiting and diarrhoea. After a latency period of several weeks possibly pyloric stenosis.

Further data

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

Depending on the concentration, phosphorus compounds may contribute to the eutrophication of water supplies.

The following applies to sulfuric acid: biological effects: harmfull effect on aquatic organisms. Harmful effect due to pH shift. Toxic effect on fish and algae. Caustic even in diluted form. Does not cause biological oxygen deficit. Endangers drinking-water supplies if allowed to enter soil and/or waters in large quantities. Neutralization possible in waste water treatment plants.

Daphnia toxicity: Daphnia magna EC_{50} : 29 mg/l/24 h (calculated on the pure substance).

Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

According to EC Directive 91/155/EEC

Catalogue No.:	114764
	Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ ⁻ Spectroquant®
	Reaktionsküvette

14. Transport information

Road & Rail ADR, RID UN 3316 CHEMIE-TESTSATZ, 9, II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code UN 3316 CHEMICAL KIT, 9, II Ems F-A S-P

Air CAO, PAX CHEMICAL KIT, 9, UN 3316, II

The transport regulations are cited according to international regulations and in the form applicable in Germany . Possible national deviations in other countries are not considered. THESE TRANSPORT DATA APPLY TO THE ENTIRE PACK !

15. Regulatory information

Labelling according to EC Directives			
Symbol:	С	Corrosive	
R-phrases:	35	Causes severe burns.	
S-phrases:	26-36/37/39-45	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	
contains:	Sulphuric acid Phosphoric acid		
German regulations			
Water pollution class	1 (slightly po	olluting substance) VwVwS Anh. 4	
Storage class VCI	8 B		
Data sheet of the Chemical Professional Association	M004 Irritant sub	04 Irritant substances/corrosive substances	
	M051 Dangerous chemical substances		

The employment restrictions for young workers in accordance with section 22 of the Youth Employment Protection Law (JArbSchG) are to be observed.

16. Other information

Text of any R phrases referred to under heading 2:

34	Causes burns	

35 Causes severe burns.

According to EC Directive 91/155/EEC

Catalogue No.: Product name: 114764 Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO₃-N 25 Tests 4 - 221 mg/l NO₃⁻ Spectroquant® Reaktionsküvette

Reduced labelling on the container due to small quantity.

Reason for alteration

Chapter 14: transport information.

General update.

Contact for information:

HSSE-C/CI * Tel: +49 (0)6151/722775 * Fax: +49 (0)6151/726433 * e-mail:prodsafe@merck.de

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.



Safety Data Sheet

According to EC Directive 91/155/EEC

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Identification of the product

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Product name:	Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ ⁻ Spectroquant®
	Reagenz NO ₃ -1K

Use of the substance/preparation

Reagent for analysis

Company/undertaking identification

Company:	Merck KGaA * 64271 Darmstadt * Germany * Tel: +49 (0)6151/72-0
Emergency telephone No .:	+49 (0)6151/72112 * Fax: +49 (0)6151/72-7780

2. Composition/information on ingredients

Propanolic solution.

Hazardous ingredients:

Name accordi	ng to EC Directives	:		
CAS-No.	EC No.	EC-Index-No.	Classification	Content:
Xylenol				
576-26-1	209-400-1	604-006-00-X	T; R24/25 C; R34 N; R51/53	$\ge 0.1 - < 1 \%$
2-Propanol 67-63-0	200-661-7	603-117-00-0	F; R11 Xi; R36 R67	≥ 10 - < 20 %

(Full text of R-Phrases in heading 16)

3. Hazards identification

Flammable. Vapours may cause drowsiness and dizziness.

4. First aid measures

After inhalation: fresh air. Consult doctor if feeling unwell. After skin contact: wash off with plenty of water. Remove contaminated clothing. After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophtalmologist if necessary. After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Immediately call in physician. Laxative: Sodium sulfate (1 tablespoon/1/4 l water). Activated charcoal.

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	Reagenz NO ₃ -1K

5. Fire-fighting measures

Suitable extinguishing media: powder, foam.

Special risks:

Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Vapours heavier than air. Forms explosive mixtures with air at ambient temperatures.

Special protective equipment for fire fighting: Do not stay in dangerous zone without self-contained breathing apparatus.

Other information: Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Person-related precautionary measures: Avoid substance contact. Do not inhale vapours/aerosols. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures: Do not allow to enter sewerage system; risk of explosion!

Procedures for cleaning / absorption: Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

Notes for prevention of fire and explosion: Keep away from sources of ignition. Take measures to prevent electrostatic charging.

Notes for safe handling: Work under hood . Do not inhale substance. Avoid generation of vapours/aerosols.

Storage:

Tightly closed. At $+15^{\circ}$ C to $+25^{\circ}$ C.

The data apply to the entire pack.

8. Exposure controls/personal protection

Specific control parameter

According to EC Directive 91/155/EEC

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BAT Germany (biol. tolerance value)	
Name	Propan-2-ol
Parametr	Acetone
Values	50 mg/l
Test material	blood
test extraction, time	b
Parametr	Acetone
Values	50 mg/l
Test material	urine
test extraction, time	b
TRGS 900	
Name	Propan-2-ol
Value	200 ml/m^3
	500 mg/m ³
Peak limit	4 exceeding factor: 4-fold in 15 minutes
Embryotoxic	Y Substances with which no foetotoxic risk is to be expected when observing the maximum allowable concentration (MAC Germany) and the biological tolerance value at the workplace (BAT Germany).

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	required when vapours/aerosols are generated. filter ABEK		
Eye protection:	required		
Hand protection:	In full contact: Glove material: Layer thickness: Breakthrough time:		
	In splash contact: Glove material: Layer thickness: Breakthrough time:	butyl rubber 0.7 mm > 480 Min.	
	The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 898 Butoject® (full contact), 898 Butoject® (splash contact). 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 and supplied by us as well as to the purpose specified by us. 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).		

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Work under hood. Do not inhale substance.

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	Reagenz NO ₃ -1K

9. Physical and chemical properties

Form: Colour: Odour:		liquid weakly yellowish of solvents			
pH value		(25 °C)	5.0-5.5		undiluted
Melting point			not availa	ıble	
Boiling point			not availa	ıble	
Ignition temperature			not availa	ble	
Flash point			29	°C	
Explosion limits	lower		not availa	ble	
	upper		not availa	ble	
Vapour pressure		(20 °C)	43	hPa	(2-Propanol)
Density		(20 °C)	0.97	g/cm ³	
Solubility in water		(20 °C)	soluble		

10. Stability and reactivity

Conditions to be avoided

Heating.

Substances to be avoided

The generally known reaction partners of water.

Hazardous decomposition products

no information available

Further information

unsuitable working materials: various plastics, rubber; Explosible with air in a vaporous/gaseous state when heated.

11. Toxicological information

Acute toxicity

 $\begin{array}{l} LC_{50} \mbox{ (inhalation, rat): } 46.5 \mbox{ mg/l /4 h (2-Propanol).} \\ LD_{50} \mbox{ (dermal, rabbit): } 12800 \mbox{ mg/kg (2-Propanol).} \\ LD_{50} \mbox{ (oral, rat): } 5045 \mbox{ mg/kg (2-Propanol).} \end{array}$

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	Reagenz NO ₃ -1K

Further toxicological information

Property that must be anticipated on the basis from the components of the preparation: After inhalation of vapours: drowziness, drowsiness. After skin contact: Slight irritations. After eye contact: Slight irritations. After swallowing: After accidental swallowing the substance may pose a risk of aspiration. Passage into the lung (vomiting!) can result in a condition resembling pneumonia (chemical pneumonitis). After absorption: headache, dizziness, inebriation, unconsciousness, narcosis. After uptake of large quantities: respiratory paralysis, coma.

Further data

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Applicable to partial component(s): (isopropanol): Biologic degradation: Readily biodegradable.

 $\begin{array}{l} \label{eq:constraint} Ecotoxic effects: \\ Biological effects: \\ Fish toxicity: P.promelas LC_{50}: 9640 mg/l /96 h. \\ Daphnia toxicity: Daphnia magna EC_{50}: 13299 mg/l /48 h. Algeal toxicity: Desmodesmus subspicatus IC_{50}: >1000 mg/l /72 h. \\ Bacterial toxicity: Photobacterium phosphoreum EC_{50}: 22000 mg/l /15 min microtox test. \\ Maximum permissible toxic concentration: \\ algae: Sc.quadricauda IC_{5}: 1800 mg/l /8 d. \\ Bacteria: Ps.putida EC_{5}: 1050 mg/l /16 h. M.aeruginosa EC_{5}: 1000 mg/l /8 d. \\ Protozoa: E.sulcatum EC_{5}: 4930 mg/l /72 h. \end{array}$

Further ecologic data: No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

According to EC Directive 91/155/EEC

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	4 - 221 mg/l NO ₃ ⁻ Spectroquant®
	Reagenz NO ₃ -1K

14. Transport information

Road & Rail ADR, RID UN 3316 CHEMIE-TESTSATZ, 9, II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code UN 3316 CHEMICAL KIT, 9, II Ems F-A S-P

Air CAO, PAX CHEMICAL KIT, 9, UN 3316, II

The transport regulations are cited according to international regulations and in the form applicable in Germany . Possible national deviations in other countries are not considered. THESE TRANSPORT DATA APPLY TO THE ENTIRE PACK !

15. Regulatory information

Labelling according to EC Directives			
Symbol:			
R-phrases:	10	Flammable.	
S-phrases:			
German regulations			
Water pollution class	1	(slightly polluting substance) VwVwS Anh. 4	
Storage class VCI	3 A		
Data sheet of the Chemical Professional Association	M017	Solvents	
	M018	Phenol, cresols and xylenols	
	M050	Dealing with harmful substances	
Local regulations on chemical accidents:	6		

The employment restrictions for young workers in accordance with section 22 of the Youth Employment Protection Law (JArbSchG) are to be observed.

16. Other information

Text of any R phrases referred to under heading 2:

11	Highly flammable.
24/25	Toxic in contact with skin and if swallowed.
34	Causes burns.
36	Irritating to eyes.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

According to EC Directive 91/155/EEC

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Reduced labelling on the container due to small quantity.

Reason for alteration

Chapter 14: transport information.

General update.

Contact for information:

HSSE-C/CI * Tel: +49 (0)6151/722775 * Fax: +49 (0)6151/726433 * e-mail:prodsafe@merck.de

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.



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	Blindwertküvette

Use of the substance/preparation

Reagent for analysis

Company/undertaking identification

Company:	Merck KGaA * 64271 Darmstadt * Germany * Tel: +49 (0)6151/72-0
Emergency telephone No .:	+49 (0)6151/72112 * Fax: +49 (0)6151/72-7780

2. Composition/information on ingredients

Aqueous solution of inorganic compounds.

3. Hazards 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. Remove contaminated clothing. After eye contact: rinse out with plenty of water with the eyelid held wide open. After swallowing: make victim drink plenty of water. Consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media: In adaption to materials stored in the immediate neighbourhood.

Special risks: Non-combustible.

Other information: Prevent fire-fighting water from entering surface water or groundwater.

According to EC Directive 91/155/EEC

Catalogue No.: Product name:	114764 Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests
	4 - 221 mg/l NO ₃ ⁻ Spectroquant®
	Blindwertküvette

6. Accidental release measures

Person-related precautionary measures: Do not inhale vapours/aerosols.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning / absorption: Take up with liquid-absorbent and neutralizing material (e.g. Chemizorb® H⁺, Art. No. 101595). Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

No further requirements.

Storage:

Tightly closed. At $+15^{\circ}$ C to $+25^{\circ}$ C.

The data apply to the entire pack.

8. Exposure controls/personal protection

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	required when vapours/ae	rosols are generated.
Eye protection:	required	
Hand protection:	In full contact: Glove material: Layer thickness: Breakthrough time:	nitrile rubber 0.11 mm > 480 Min.
	In splash contact: Glove material: Layer thickness: Breakthrough time:	nitrile rubber 0.11 mm > 480 Min.
	of EC directive 89/686/I example KCL 740 Derma contact). This recommendation app data sheet and supplied b us. When dissolving in conditions deviating from	be used must comply with the specifications EEC and the resultant standard EN374, for tril® (full contact), 740 Dermatril® (splash blies only to the product stated in the safety y us as well as to the purpose specified by or mixing with other substances and under n those stated in EN374 please contact the gloves (e.g. KCL GmbH, D-36124 Eichenzell,
Industrial hygiene: Change contaminated clothing	Wash hands after working w	vith substance.

According to EC Directive 91/155/EEC

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Product name:	Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ - Spectroquant®
	Blindwertküvette

9. Physical and chemical properties

Form: Colour: Odour:		liquid yellowish odourless		
pH value		(25 °C)	5.0	
Melting point			not availa	able
Boiling point			not availa	able
Ignition temperature			not availa	able
Flash point			not availa	able
Explosion limits	lower		not availa	able
	upper		not availa	able
Density		(20 °C)	1.00	g/cm ³
Solubility in water		(25 °C)	soluble	

10. Stability and reactivity

Conditions to be avoided

Heating.

Substances to be avoided

The generally known reaction partners of water.

Hazardous decomposition products

no information available

11. Toxicological information

Acute toxicity

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

Further toxicological information

Hazardous properties cannot be excluded, but are relatively improbable due to the low concentration of the dissolved substance(s).

Further data

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

No ecological problems are to be expected when the product is handled and used with due care and attention.

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Flouuet name.	4 - 221 mg/l NO ₃ ⁻ Spectroquant®
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Product:

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Packaging:

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14. Transport information

Road & Rail ADR, RID UN 3316 CHEMIE-TESTSATZ, 9, II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code UN 3316 CHEMICAL KIT, 9, II Ems F-A S-P

Air CAO, PAX CHEMICAL KIT, 9, UN 3316, II

The transport regulations are cited according to international regulations and in the form applicable in Germany . Possible national deviations in other countries are not considered. THESE TRANSPORT DATA APPLY TO THE ENTIRE PACK !

15. Regulatory information

Labelling according to EC Directives					
Symbol:					
R-phrases:					
S-phrases:					
German regulations					
Water pollution class	1 (slightly polluting substance) VwVwS Anh. 4				
Storage class VCI	10-13				

16. Other information

Reason for alteration

Chapter 14: transport information.

General update.

Contact for information:

HSSE-C/CI * Tel: +49 (0)6151/722775 * Fax: +49 (0)6151/726433 * e-mail:prodsafe@merck.de

According to EC Directive 91/155/EEC

Catalogue No.: Product name:	114764 Nitrate Cell Test Method: photometric, DMP 1.0 - 50.0 mg/l NO ₃ -N 25 Tests 4 - 221 mg/l NO ₃ ⁻ Spectroquant® Blindwertküvette	
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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.