

Issue Date 25-Jan-2024

Revision Date 30-Jul-2024

Version 4

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code(s) LCK343-1

Product Name LCK 343 Nitrit/Nitrite, Sample cuvette; 1/2

Unique Formula Identifier (UFI) 40F6-4FG2-U80H-9XXH

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

Recommended Use Analytical reagent.

Uses advised against Consumer use

1.3. Details of the supplier of the safety data sheet

Supplier

HACH LANGE GmbH Willstätterstr. 11 D-40549 Düsseldorf Tel: +49 (0)211 5288-383 sds@hach.com

Responsible country contact:

HACH UK Laser House Ground Floor, Suite B Waterfront Quay, Salford Quays GB - Manchester, M50 3XW Tel. +44 (0) 161 872 1487 info-uk@hach.com

HACH Ireland Unit 34 GB Business Park Little Island IRL-Co. Cork T45 H681 Tel. +353 (0)146 02 522 info-ie@hach.com

1.4. Emergency telephone number

UK: Chemtrec: +44 20 3807 3798 IE: National Poisons Information Centre (NPIC) 01 809 2566 (24/7)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin sensitisation

Category 1 - (H317)

2.2. Label elements

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Contains 2-methylisothiazol-3(2H)-one



Signal word Warning

Hazard statements H317 - May cause an allergic skin reaction

Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P280 - Wear protective gloves
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 + P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Causes mild skin irritation.

<u>PBT & vPvB</u> This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT) This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No. EC No. Index No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
2-methylisothiazol-3(2H) -one	2682-20-4 220-239-6 613-326-00-9	<0.01%	Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Skin Sens. 1A - H317 Eye Dam. 1 - H318 Acute Tox. 2 - H330 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Skin Sens. 1A :H317: C>=0.0015%	10	1

Chemical name	REACH registration number
Citric acid	01-2119457026-42-xxxx

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

No information available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
2-methylisothiazol-3(2H)-o ne 2682-20-4	249 mg/kg	200 mg/kg	0.11 mg/L	None reported	None reported

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Rinse mouth.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

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

Symptoms Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

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

Note to doctors May cause sensitisation in susceptible persons. Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1.	Exting	quishing	media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.
5.2. Special hazards arising from the	ne substance or mixture
Specific hazards arising from the chemical	Product is or contains a sensitiser. May cause sensitisation by skin contact.
Hazardous combustion products	This material will not burn.
5.3. Advice for firefighters	
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
Additional information	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.	
For emergency responders	Use personal protection recommended in Section 8.	
6.2. Environmental precautions		
Environmental precautions	Should not be released into the environment. See Section 12 for additional Ecological Information.	
6.3. Methods and material for conta	inment and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.	
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically, placing in appropriate containers for disposal.	

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.
7.2. Conditions for safe storage, inc	cluding any incompatibilities
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
7.3. Specific end use(s)	
Specific use(s)	Analytical reagent.

Specific use(s)Analytical reagent.Risk Management Methods (RMM)The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

Derived No Effect Level (DNEL)	No information available
Notes	
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

8.2. Exposure controls

Engineering controls	Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Personal protective equipment Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand protection	Barrier creams may help to protect the exposed areas of skin. Gloves must be inspected prior to use. The selected protective gloves have to satisfy the specifications of EU Directive

Gloves

2016/425 and the standard EN 374-1:2016 derived from it. Chemical resistant gloves made of butyl rubber or nitrile rubber category III acco. Wear suitable gloves.

	Gloves				
Duration of contact	PPE - Glove material	Glove thickness	Break through time		
Short term	gloves		>30 minutes		
Long term (repeated)	Wear protective Viton™ gloves	0,70 mm	>480 minutes		
Skin and body protection	Avoid contact with eyes, skin a	and clothing. Wear suitab	ble protective clothing.		
Respiratory protection	Ensure adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.				
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.				
Environmental exposure controls	Do not allow into any sewer, o	on the ground or into any	body of water.		
Section	9: PHYSICAL AND C	HEMICAL PROPE	RTIES		
9.1. Information on basic physical a	nd chemical properties				
Physical state Liquid					
Colour colourless	Ode	our Odourless			
Odour threshold No information ava	ilable				
Property	Values		Remarks • Method		
Molecular weight	No data available				
рН	3		@ 20 °C		
Melting point / freezing point	~ -1 °C / 30.2 °	~ -1 °C / 30.2 °F			
Initial boiling point and boiling rang	e ~ 100 °C / 212	~ 100 °C / 212 °F			
Evaporation rate	1.02 (water = 1)	1.02 (water = 1)			
Vapour pressure	23.702 mm Hg / 3	23.702 mm Hg / 3.16 kPa at 25 °C / 77 °F			
Relative vapor density	0.03				
Partition coefficient	Not applicable				
Soil Organic Carbon-Water Partition	Not applicable	Not applicable			
Coefficient Autoignition temperature No data available					
Decomposition temperature	No data available	No data available			
Dynamic viscosity	No data available	No data available			
Kinematic viscosity Relative density	No data available 1.00 g/mL @ 20 °C				

Solubility(ies)

Water solubility

Water solubility classification	Water solubility	Water Solubility Temperature
Completely soluble	> 10000 mg/L	25 °C / 77 °F

Solubility in other solvents

Chemical Name	Solubility classification	Solubility	Solubility Temperature
Acid	Soluble	> 1000 mg/L	25 °C / 77 °F
Metal Corrosivity			·
Steel Corrosion Rate Aluminum Corrosion Rate		No data available No data available	
Explosive properties			
Upper explosion limit Lower explosion limit		No data available No data available	
Flammable properties			
Flash point		No data available	
Flammability			
Upper flammability limit: Lower flammability limit		No data available No data available	
Oxidising properties		No data available.	
Bulk density		No data available	
9.2. Other information			
No information available.			

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity	
Reactivity	No information available.
10.2. Chemical stability	
Stability	Stable under normal conditions.
10.3. Possibility of hazardous react	ions
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerisation	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating and toxic gases and vapours. Carbon dioxide. Carbon monoxide.

Section 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Based on available data, the classification criteria are not met

Mixture No data available.

Substance Test data reported below.

Oral Exposure Route:

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Citric acid monohydrate	Rat LD₅o	3000 mg/kg	None reported	None reported	IUCLID
2-methylisothiazol-3(2H)-one	LD₅₀ Rat	249 mg/kg	None reported	None reported	LOLI

Dermal Exposure Route:

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Citric acid monohydrate	Rat LD₅₀	> 2000 mg/kg	None reported	None reported	Vendor SDS
2-methylisothiazol-3(2H)-one	LD₅₀ Rabbit	200 mg/kg	None reported	None reported	LOLI

Inhalation (Dust/Mist) Exposure Route:

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
2-methylisothiazol-3(2H)-one	LC₅₀ Rat	0.11 mg/L	None reported	None reported	LOLI

Acute Toxicity Estimate (ATE) Not applicable

mg/kg

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity.

Skin corrosion/irritation

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

Mixture

No data available.

Substance

Test data reported below.

Chemical name	Test method	Species	Reported dose	Exposure time	Results	Key literature references and sources for data
Citric acid monohydrate	Draize Test	Rabbit	500 mg	24 hours	Data Source	RTECS

Serious eye damage/eye irritation

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

Mixture

No data available.

Substance

Test data reported below.

Chemical name	Test method	Species	Reported dose	Exposure time	Results	Key literature references and sources for data
Citric acid monohydrate	Draize Test	Rabbit	0.750 mg	24 hours	Data Source	RTECS
2-methylisothiazol-3(2H)-one	None reported	None reported	None reported	None reported		ECHA

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Mixture	No data available.
Substance	No data available.

STOT - single exposure

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

Mixture No data available.

Substance

No data available.

Chemical name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Citric acid monohydrate	Guinea pig	None reported	None reported	Cough	ECHA

STOT - repeated exposure Based on available data, the classification criteria are not met.

Mixture	No data available.

Substance No data available.

Germ cell mutagenicity

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

Mixture invitro Data No data available.

Substance invitro Data	No data available

Mixture invivo Data	No data available.			
Substance invivo Data	No data available.			
Carcinogenicity Based on available data, the classifica	ation criteria are not met.			
Mixture	No data available.			
Substance	No data available.			
Reproductive toxicity Based on available data, the classification criteria are not met.				
Mixture	No data available.			
Substance	No data available.			
Aspiration hazard Based on available data, the classification criteria are not met.				
11.2. Information on other hazards Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.				
11.2.1. Endocrine disrupting properties Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.				
11.2.2. Other information Other adverse effects	No information available.			
S	ection 12: ECOLOGICAL INFORMATION			
12.1. Toxicity				
Ecotoxicity	Based on available data, the classification criteria are not met.			
Unknown aquatic toxicity	Contains 0 % of components with unknown hazards to the aquatic environment.			
<u>Mixture</u>				
Acute aquatic toxicity:	No data available.			
Aquatic Chronic Toxicity:	No data available.			

Substance

Acute aquatic toxicity: Test data reported below.

Fish:

Chemical name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
2-methylisothiazol-3 (2H)-one	96 hours	None reported	LC50	0.7 mg/L	ECOSARS

Crustacea:

time sources for data	Chemical name	Exposure	Species	Endpoint type	Reported dose	Key literature references and
		time				sources for data

2-methylisothiazol-3	48 Hours	None reported	LC50	0.18 mg/L	ECOSARS
(2H)-one				_	

Algae:

Chemical name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
2-methylisothiazol-3 (2H)-one	96 hours	None reported	EC ₅₀	0.448 mg/L	ECOSARS

Aquatic Chronic Toxicity:

12.2 Dereistones and degradability

No data available.

12.2. Persistence and degradability	
Mixture	No data available.
12.3. Bioaccumulative potential	
Mixture:	No data available.
Partition coefficient	Not applicable
12.4. Mobility in soil	
Soil Organic Carbon-Water Partition Coefficient	Not applicable

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Chemical name	PBT and vPvB assessment
2-methylisothiazol-3(2H)-one	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine Disruptor Information: This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects

No information available.

Ozone: Not applicable

Ozone depletion potential (ODP): No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Advice on Disposal

Waste from residues/unused Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Our local agencies will accept used cuvettes to ensure their proper disposal.

Waste disposal number (residues/unused products)

160506	WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals; hazardous waste.
Waste disposal number (used prod	uct)
160506	WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals; hazardous waste.
Contaminated packaging	Dispose of contents/containers in accordance with local regulations.
Other Information	Do not reuse empty containers.

Section 14: TRANSPORT INFORMATION

ADR	
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
1474	
IATA 14.1 UN number or ID number	Not regulated
	Not regulated Not regulated
14.2 UN proper shipping name 14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
IMDG	
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk	No information available
according to IMO instruments	

Additional information

If the item is part of a reagent set or kit the classification would change to the following: UN3316 Chemical Kit, Hazard Class 9, Packing Group II or III. If the item is not regulated, the Chemical Kit classification does not apply.

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH	Substance subject to authorisation per
	Annex XVII	REACH Annex XIV
2-methylisothiazol-3(2H)-one - 2682-20-4	Use restricted. See entry 75.	

Persistent Organic Pollutants Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU) • Non-controlled

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

Germany

Water hazard class (WGK) s

slightly hazardous to water (WGK 1)

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
2-methylisothiazol-3(2H)-one 2682-20-4	RG 15bis,RG 74	-

International Inventories	
EINECS/ELINCS	Complies
TSCA	Complies
DSL/NDSL	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

- **ENCS** Japan Existing and New Chemical Substances
- **IECSC** China Inventory of Existing Chemical Substances
- KECL Korean Existing and Evaluated Chemical Substances
- PICCS Philippines Inventory of Chemicals and Chemical Substances
- AICS Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report

Chemical safety assessments for substances in this mixture were not carried out.

Section 16: OTHER INFORMATION		
Issue Date	25-Jan-2024	
Revision Date	30-Jul-2024	
Revision Note	updated SDS sections: 4 5 7 8 11 15	
Key or legend to abbreviations and acronyms used in the safety data sheet		

Legend

**	Hazard Designation
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieure
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service Number
Ceiling	Maximum limit value
CLP	Classification, Labelling and Packaging of substances and mixtures [Regulation (EC) No. 1272/2008]
DNEL	Derived No Effect Level (DNEL)
EC	European Community
ECHA	ECHA (The European Chemicals Agency)
EC50	Effective Concentration to 50% of a test population
EEC	European Economic Community
EN	European Standard
IMDG	International Maritime Dangerous Goods (IMDG)
IATA	International Air Transport Association (IATA)
IATA-DGR	International Air Transport Association - Dangerous Goods Regulations
ICAO	International Civil Aviation Organization
ICAO-TI	International Civil Aviation Organization - Technical Instructions
IUCLID	IUCLID (The International Uniform Chemical Information Database)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
LOAEL	Lowest observed adverse effect level
LOAEC	Lowest observed adverse effect concentration
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LOLI	LOLI (List of Lists - An International Chemical Regulatory Database)
MAK	Maximale Arbeitsplatz-Konzentration, a German expression corresponding to threshold limit value, which relates to safe daily exposure levels to chemical substances
NOAEL	NOAEL (No observed adverse effect level)

NOAEC	No observed adverse effect concentration
OSHA	OSHA (Occupational Safety and Health Administration of the US Department of Labour)
PEC	Predicted Effect Concentration
PNEC	Predicted No Effect Concentration (PNEC)
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals [Regulation (EC) No. 1907/2006])
RTECS	RTECS (Registry of Toxic Effects of Chemical Substances)
TWA	TWA (time-weighted average)
SKN*	Skin designation
SKN+	Skin sensitisation
STEL	STEL (Short Term Exposure Limit)
STOT	Specific Target Organ Toxicity
STOT RE	Specific target organ toxicity — repeated exposure
STOT SE	Specific target organ toxicity — single exposure
SVHC	Substances of Very High Concern
TLV	Threshold Limit Value
TRGS	Technical rules for hazardous substances, Germany
TSCA	Toxic Substances Control Act
UN	United Nations
vPvB	very persistent and very bioaccumulative
VOC	Volatile organic compounds
AwSV	Administrative regulation of water polluting substances, Germany

Key literature references and sources for data

See Section 11: TOXICOLOGICAL INFORMATION

See Section 12: ECOLOGICAL INFORMATION

Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration toxicity	Calculation method
Ozone	Calculation method

Full text of H-Statements referred to under section 3

- H301 Toxic if swallowed
- H311 Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction H318 Causes serious eye damage
- H330 Fatal if inhaled
- H400 Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Training Advice	Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
Prepared By	Hach Product Compliance Department
Restrictions on use	For Laboratory Use Only.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet