



Safety Data Sheet according to (EC) No 1907/2006 as amended

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Live Color L76

SDS No. : 706168
V001.0

Revision: 17.01.2023
printing date: 10.05.2023

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

1.1. Product identifier

Live Color L76

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

Intended use:

Hair Color/Toner, oxidative dyes

1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

Düsseldorf Germany

Henkelstr. 67

40191 Düsseldorf

Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:

Henkel Consumer Brands, e-mail: Astrid.Kleen@henkel.com

1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin irritation Category 2

Causes skin irritation.

Serious eye irritation Category 2

Causes serious eye irritation.

Skin sensitizer Category 1

May cause an allergic skin reaction.

Chronic hazards to the aquatic environment Category 3

Harmful to aquatic life with long lasting effects.

2.2. Label elements (CLP)

Hazard pictogram:



Signal word:	Warning
Hazard statement:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves.
Precautionary statement: Response	P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Fatty alcohol, C16-18, ethoxylate 68439-49-6			>= 1- < 10 %	H319 Serious eye irritation 2
ammonia, aqueous solution 1336-21-6	215-647-6	01-2119488876-14	>= 1- < 2,5 %	H290 Corrosive to metals 1 H314 Skin corrosion 1B H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2 H318 Serious eye damage 1
1-(2-hydroxyethyl)-1H-pyrazol-4,5- diyldiammoniumsulfate 155601-30-2		01-0000017559-58	>= 1- < 2,5 %	H318 Serious eye damage 1 H317 Skin sensitizer 1 H411 Chronic hazards to the aquatic environment 2
1-naphtol 90-15-3	201-969-4		>= 0,25- < 1 %	H412 Chronic hazards to the aquatic environment 3 H302 Acute toxicity 4; Oral H318 Serious eye damage 1 H335 Specific target organ toxicity - single exposure 3 H311 Acute toxicity 3; Dermal H315 Skin irritation 2 H317 Skin sensitizer 1A
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	280-622-9	01-2120759718-37	>= 0,1- < 0,25 %	H302 Acute toxicity 4; Oral H317 Skin sensitizer 1 H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H410 Chronic hazards to the aquatic environment 1

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.

Hydrogen chloride.

nitrogen oxides

Sulphur oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.

Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (chemical binder)

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:

Avoid skin and eye contact.

Fire and explosion protection information:

No special measures required if used properly.

Hygiene measures:

Do not eat, drink or smoke while working.

Immediately remove soiled or soaked clothing.

Wash hands before work breaks and after finishing work.

Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.

Store far from foodstuffs.

7.3. Specific end use(s)

Hair Color/Toner, oxidative dyes

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parametersValid for
Germany

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Remarks
AMMONIA, ANHYDROUS 1336-21-6	50	36	Short Term Exposure Limit (STEL):	Indicative	ECLTV
AMMONIA, ANHYDROUS 1336-21-6	20	14	Time Weighted Average (TWA):	Indicative	ECLTV
Ammonia, aqueous solution 1336-21-6			Short Term Exposure Classification:	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900
Ammonia, aqueous solution 1336-21-6	20	14	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900

8.2. Exposure controls

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:

Protective goggles

Skin protection:

Suitable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

The following data apply to the whole mixture:

Appearance

emulsion
high viscosity
white/light beige
ammoniacal, floral

Odor

pH (20 °C (68 °F))	10,00 - 11,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,970 - 1,030 g/cm ³
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: SV I)	5.000 - 35.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

None if used for intended purpose.

10.2. Chemical stability

None known.

10.3. Possibility of hazardous reactions

See section reactivity

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	LD50	3.050 mg/kg	rat	not specified
1-(2-hydroxyethyl)-1H- pyrazol-4,5- diyldiammoniumsulfate 155601-30-2	LD50	> 2.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
1-naphtol 90-15-3	LD50	1.870 mg/kg	rat	not specified
6-methoxy-N2- methylpyridine-2,3- diamine dihydrochloride 83732-72-3	LD50	650 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
1-naphtol 90-15-3	LD50	880 mg/kg	rabbit	Draize Test

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	slightly irritating	4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)
ammonia, aqueous solution 1336-21-6	corrosive		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	corrosive			not specified
1-naphtol 90-15-3	corrosive		Chicken, eye, isolated	OECD Guideline 438 (Isolated Chicken Eye Test Method)
6-methoxy-N2- methylpyridine-2,3- diamine dihydrochloride 83732-72-3	highly irritating			Expert judgement

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method
ammonia, aqueous solution 1336-21-6	not sensitising	not specified	guinea pig	not specified
1-naphthol 90-15-3	Sub-Category 1A (sensitising)	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	sensitising	Mouse local lymphnode assay (LLNA)	mouse	not specified

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
ammonia, aqueous solution 1336-21-6	negative	bacterial reverse mutation assay (e.g Ames test)	not specified		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
ammonia, aqueous solution 1336-21-6	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	negative	oral: gavage		rat	not specified

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
ammonia, aqueous solution 1336-21-6	not carcinogenic	oral: feed	104 w daily	rat		OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
ammonia, aqueous solution 1336-21-6	NOAEL P 408 mg/kg	screening	oral: unspecified	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
1-naphtol 90-15-3	NOAEL 130 mg/kg	oral: gavage	13 weeks daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
6-methoxy-N2- methylpyridine-2,3- diamine dihydrochloride 83732-72-3	NOAEL 50 mg/kg	oral: gavage	90 days daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
6-methoxy-N2- methylpyridine-2,3- diamine dihydrochloride 83732-72-3	NOAEL 80 mg/kg	oral: gavage	28 days daily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	LC50	4 mg/l	48 h	Leuciscus idus	DIN 38412-15
ammonia, aqueous solution 1336-21-6	LC50	0,16 - 1,1 mg/l	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
ammonia, aqueous solution 1336-21-6	NOEC	< 0,048 mg/l	31 d	Channel catfish	OECD Guideline 215 (Fish, Juvenile Growth Test)
1-(2-hydroxyethyl)-1H- pyrazol-4,5- diyldiammoniumsulfate 155601-30-2	LC50	> 86,2 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	EU Method C.1 (Acute Toxicity for Fish)
1-naphtol 90-15-3	LC50	1,6 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	> 200 mg/l	24 h	Daphnia magna	not specified
ammonia, aqueous solution 1336-21-6	EC50	25,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-(2-hydroxyethyl)-1H- pyrazol-4,5- diyldiammoniumsulfate 155601-30-2	EC50	11,12 mg/l	48 h	Daphnia magna	EU Method C.2 (Acute Toxicity for Daphnia)
1-naphtol 90-15-3	EC50	3,53 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
6-methoxy-N2- methylpyridine-2,3-diamine dihydrochloride 83732-72-3	EC50	0,99 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	NOEC	0,79 mg/l	96 h	Daphnia magna	EPA OPPTS 850.1300 (Daphnid Chronic Toxicity Test)
1-(2-hydroxyethyl)-1H- pyrazol-4,5- diyldiammoniumsulfate 155601-30-2	NOEC	0,07 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
1-naphtol 90-15-3	NOEC	0,25 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	65 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
ammonia, aqueous solution 1336-21-6	EC50	> 1.000 mg/l	72 h	Skeletonema costatum	ISO 10253 (Water quality)
ammonia, aqueous solution 1336-21-6	NOEC	1.000 mg/l	72 h	Skeletonema costatum	ISO 10253 (Water quality)
1-(2-hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate 155601-30-2	EC50	5,33 mg/l	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	EU Method C.3 (Algal Inhibition test)
1-naphtol 90-15-3	EC10	> 2,18 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
1-naphtol 90-15-3	EC50	> 2,18 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	EC50	0,38 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	NOEC	0,128 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC0	1.000 mg/l	30 min		not specified

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	readily biodegradable	aerobic	71 - 75 %	28 d	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
1-(2-hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate 155601-30-2	not readily biodegradable.	aerobic	33,3 %		OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1-naphtol 90-15-3	readily biodegradable	aerobic	96 %	14 d	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	not readily biodegradable.	aerobic	8 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
ammonia, aqueous solution 1336-21-6	-1,14		EU Method A.8 (Partition Coefficient)
1-(2-hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate 155601-30-2	-1,75	25 °C	not specified
1-naphtol 90-15-3	3	23 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	0,83	23 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
ammonia, aqueous solution 1336-21-6	According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances.
1-(2-hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate 155601-30-2	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
1-naphtol 90-15-3	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
6-methoxy-N2-methylpyridine-2,3-diamine dihydrochloride 83732-72-3	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Consider national regulations.

Special waste incineration or special disposal with the approval of the responsible local authority.

SECTION 14: Transport information**14.1. UN number or ID number**

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.2. UN proper shipping name

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.3. Transport hazard class(es)

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.4. Packing group

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations/information (Germany):

WGK:	WGK 2: obviously hazardous to water (Germany. Ordinance on Facilities Handling Substances that are Hazardous to Water, ((AwSV of 21 April 2017), UBA, BAnz AT), as amended)
Storage class according to TRGS 510:	Classification in conformity with the calculation method 10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:

This information is not related to the use of the product, it is based on our current level of knowledge.