

Coollex® N

Print date 04.07.2023
Revision date 04.07.2023
Version 4.0 (en)
replaces version of 17.08.2018 (2.0)

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

1.1 Product identifier

Trade name/designation Coollex® N
Art-Nr(n). 1680
Unique Formula Identifier UFI: KJ80-2GMQ-T006-VW6T

Hazard components

ethanediol, Sodium-3,5,5-trimethylhexanoate

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

*** Use of the substance/mixture**
Heat transfer fluids

1.3 Details of the supplier of the safety data sheet

Supplier

GHC Gerling, Holz & Co. Handels GmbH
Ruhrstraße 113
D-22761 Hamburg
Telephone +49 40 853 123 0
E-mail hamburg@ghc.de
Website www.ghc.com

Department responsible for information:
GHC Gerling, Holz & Co. Handels GmbH
Telephone +49 40 853 123 0

E-mail (competent person):
msds@ghc.de

*** 1.4 Emergency telephone number**

EN: Poison Information Center Mainz +49 6131 19240

*** SECTION 2: Hazards identification**

*** 2.1 Classification of the substance or mixture**

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

Acute Tox. 4, H302

STOT RE 2, H373

Hazard statements for health hazards

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

*** 2.2 Label elements**

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

Hazard components

ethanediol, Sodium-3,5,5-trimethylhexanoate

Hazard pictograms



GHS07



GHS08

Signal word

Warning

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Hazard statements

H302 Harmful if swallowed.
 H373 May cause damage to organs through prolonged or repeated exposure.

- * **Precautionary statements**
 P260 Do not breathe mist/vapours/spray.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/protective clothing and eye protection/face protection.
 P314 Get medical advice/attention if you feel unwell.

Supplemental hazard information

EUH 208 contains Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine. May produce an allergic reaction

* **2.3 Other hazards**

- * **Adverse human health effects and symptoms**
 The product is skin resorptive.

- * **Other adverse effects**
 The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Results of PBT and vPvB assessment

The substance/mixture does not contain components meeting the PBT/vPvB criteria of the Reach Regulation, Annex XIII, at levels of 0.1% or higher.

* **SECTION 3: Composition / information on ingredients****3.1 Substances**

not applicable

* **3.2 Mixtures****Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
107-21-1	203-473-3	ethanediol	90 - 95 weight-%	Acute Tox. 4; H302 STOT RE 2; H373	ATE(oral): 7712 mg/kg ATE(dermal): > 3500 mg/kg ATE(): > 2.5 mg/L
2650-30-8	220-169-6	Sodium-3,5,5-trimethylhexanoate	< 5 weight-%	Acute Tox. 4; H302 Skin Corr. 1; H314 Eye Dam. 1; H318	ATE(oral): 1160 mg/kg
1474044-75-1	939-703-0	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	< 0.5 weight-%	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1B; H317 Repr. 2; H361 Aquatic Chronic 3; H412	ATE(oral): 1472 mg/kg bw/day

REACH No.	Substance name
01-2119456816-28	ethanediol
01-2120809729-43	Sodium-3,5,5-trimethylhexanoate
01-2119982397-21	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine

Remark

The text of the H-and EUH-phrases is shown in section 16.
 Ethylene glycol (Ethanediol) with corrosion inhibitors.

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* **SECTION 4: First aid measures**

* **4.1 Description of first aid measures**

* **General information**

Remove contaminated, saturated clothing immediately.
First aider: Pay attention to self-protection!

Following inhalation

Remove casualty to fresh air and keep warm and at rest.
In the event of pulmonary irritation treat initially with corticoid spray, e.g. Ventolair- or Pulmicort- metered-dose aerosol (Ventolair and Pulmicort are registered trademarks).
In the event of symptoms refer for medical treatment.
In case of respiratory standstill give artificial respiration by respiratory bag (Ambu bag) or respirator. Obtain medical assistance.

* **Following skin contact**

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.

* **After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical assistance.

* **Following ingestion**

Do NOT induce vomiting.
Rinse mouth immediately and drink plenty of water.
Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Dizziness
Nausea
Eye Irritation
Headache

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.
Symptoms may be delayed.

* **SECTION 5: Firefighting measures**

* **5.1 Extinguishing media**

* **Suitable extinguishing media**

Extinguishing powder
alcohol resistant foam
Water spray jet
Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire formation of dangerous gases possible.
Nitrogen oxides (NO_x)
Carbon monoxide
Carbon dioxide (CO₂)

* **5.3 Advice for firefighters**

* **Special protective equipment for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

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* **Additional information**

Use water spray jet to protect personnel and to cool endangered containers.
Exposure to fire may cause rupture / explosion of the containers.
Dispose of fire residues and contaminated extinguishing water in accordance with local, official regulations.

* **SECTION 6: Accidental release measures**

* **6.1 Personal precautions, protective equipment and emergency procedures**

* **For non-emergency personnel**
Use personal protection equipment.
Leave the danger area.

For emergency responders
Personal protection by wearing close-fitting protective clothing and breathing apparatus.
Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.

* **6.3 Methods and material for containment and cleaning up**

* **For containment**
Prevent the liquid from spreading over a wide area (set up barriers, cover sewage systems).

* **For cleaning up**
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

Disposal: see section 13
Personal protection equipment: see section 8

* **SECTION 7: Handling and storage**

* **7.1 Precautions for safe handling**

* **Protective measures**
Use only in well-ventilated areas.
Handle and open container with care.
Usual measures for fire prevention.

Advices on general occupational hygiene
When using do not eat, drink, smoke, sniff.
Wash hands before breaks and after work.
Remove contaminated clothing and protective equipment before entering eating areas.

* **7.2 Conditions for safe storage, including any incompatibilities**

* **Requirements for storage rooms and vessels**
All regulations and local requirements for the storage of containers have to be respected.
Keep container tightly closed and in a well-ventilated place.
Only use containers specifically approved for the substance/product.

Storage class
10 Combustible liquids that cannot be assigned to any of the above storage classes

* **Materials to avoid**
Do not store together with explosives.
Do not store with gases.
Do not store together with pyrophoric and self-heating substances.
Do not store together with oxidizing liquids or oxidizing solids.
Do not store together with infectious substances.
Do not store together with radioactive material.
Do not store together with food or feed.

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* **7.3 Specific end use(s)**

* **Recommendation**
 See section 1.2

* **SECTION 8: Exposure controls/personal protection*** **8.1 Control parameters*** **Occupational exposure limit values**

CAS No.	EC No.	Substance name	occupational exposure limit value
107-21-1	203-473-3	Ethane-1,2-diol, particulate	10 [mg/m ³] (IE)
107-21-1	203-473-3	Ethane-1,2-diol, vapour	20 [ml/m ³ (ppm)] 52 [mg/m ³] Short-term(ml/m ³) 40 (1) Short-term(mg/m ³) 104 (1) (1) 15 minutes reference period (IE)
107-21-1	203-473-3	Ethane-1,2-diol, particulate	10 [mg/m ³] (UK)
107-21-1	203-473-3	Ethane-1,2-diol, vapour	20 [ml/m ³ (ppm)] 52 [mg/m ³] Short-term(ml/m ³) 40 Short-term(mg/m ³) 104 (UK)

* **DNEL worker**

CAS No.	Substance name	DNEL value	DNEL type	Remark
107-21-1	ethanediol	35 mg/m ³	long-term inhalative (local)	Assessment factor 2
107-21-1	ethanediol	106 mg/kg bw/day	long-term dermal (systemic)	Assessment factor 42
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	1.3 mg/m ³	long-term inhalative (systemic)	Assessment factor 30
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	8.8 mg/m ³	acute inhalative (systemic)	Assessment factor 50
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.4 mg/kg bw/day	long-term dermal (systemic)	Assessment factor 120

* **DNEL Consumer**

CAS No.	Substance name	DNEL value	DNEL type	Remark
107-21-1	ethanediol	7 mg/m ³	long-term inhalative (local)	Assessment factor 10
107-21-1	ethanediol	53 mg/kg bw/day	long-term dermal (systemic)	Assessment factor 84
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.3 mg/m ³	long-term inhalative (systemic)	Assessment factor 60
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	2.2 mg/m ³	acute inhalative (systemic)	Assessment factor 100
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.2 mg/kg bw/day	long-term dermal (systemic)	Assessment factor 240
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.2 mg/kg bw/day	Long-term – oral, systemic effects	Assessment factor 240

* **PNEC**

CAS No.	Substance name	PNEC Value	PNEC type	Remark
107-21-1	ethanediol	1 mg/L	aquatic, marine water	Assessment factor 100
107-21-1	ethanediol	1.53 mg/kg dw	soil	

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CAS No.	Substance name	PNEC Value	PNEC type	Remark
107-21-1	ethanediol	3.7 mg/kg dw	sediment, marine water	
107-21-1	ethanediol	10 mg/L	aquatic, freshwater	Assessment factor 10
107-21-1	ethanediol	10 mg/L	aquatic, intermittent release	Assessment factor 10
107-21-1	ethanediol	37 mg/kg dw	sediment, freshwater	
107-21-1	ethanediol	199.5 mg/L	sewage treatment plant (STP)	Assessment factor 10
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.029 mg/L	sediment, freshwater	Assessment factor 1000
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.29 µg/kg	aquatic, intermittent release	Assessment factor 100
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.003 mg/L	sediment, marine water	Assessment factor 10000
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.11 mg/L	sewage treatment plant (STP)	Assessment factor 10
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	157 mg/kg dw	sediment, freshwater	
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.016 mg/kg dw	sediment, marine water	
1474044-75-1	Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine	0.014 mg/kg dw	soil	

* **8.2 Exposure controls*** **Appropriate engineering controls**

- * **Technical measures to prevent exposure**
 Industrial ventilation (local ventilation).

* **Personal protection equipment****Eye/face protection**

Protective goggles according to EN 166, in case of increased risk add protective face shield.

Hand protection

Safety gloves according to EN 374:

Glove material specification [make/type, thickness, permeation time/life]: IIR, >= 0,7 mm, > 480 min

Body protection:

Safety shoes with steel toecap.

Body covering work clothing or chemical resistant suit at increased risk.

* **Respiratory protection**

Respiratory protection necessary at:
 high concentrations

Suitable respiratory protection apparatus:

Full mask complying with EN 136.

Short term: filter apparatus, filter A

* **Environmental exposure controls*** **Remark**

Prevent release to the environment.

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

liquid

Colour

red

Odour

hardly noticeable

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:			not determined
Melting point/freezing point			not determined
Boiling point or initial boiling point and boiling range	approx. 160 °C pressure 1013 hPa	ASTM D1120	
flammability			none
Lower and upper explosion limit	Upper explosion limit 15.3 Vol-%		
Lower and upper explosion limit	Lower explosion limit 3.2 Vol-%		
Flash point	119 °C	ASTM D6450 (closed cup)	
Auto-ignition temperature	> 400 °C	DIN 51794	
Decomposition temperature			No decomposition if used as directed.
pH	approx. 8 (20°C)	DIN 19268	
Viscosity	kinematic approx. 23 mm²/s (20°C)	DIN 51562	
Solubility(ies)	Water solubility (20°C)		completely miscible
Partition coefficient n-octanol/water (log value)			not applicable
Vapour pressure	0.1 hPa (20°C)	calculated	
Density and/or relative density	1.112 g/cm³ (20°C)	DIN 51757	
Relative vapour density			not determined
particle characteristics			not applicable

*** 9.2 Other information**

*** Other information**
 No data available

*** SECTION 10: Stability and reactivity****10.1 Reactivity**

See section "Possibility of hazardous reactions".

*** 10.2 Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

Reactions with sulphuric acid
 Reactions with strong oxidising agents.
 Reactions with alkalies.

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*** 10.4 Conditions to avoid**

Ignition sources, open flames, glowing metal surfaces, etc.
 Heat sources / heat.

10.5 Incompatible materials

Aluminium
 Zinc

10.6 Hazardous decomposition products

When handled and stored appropriately, no dangerous decomposition products are known.

*** SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***** Acute toxicity***** Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	CAS No.107-21-1 ethanediol LD50: 7712 mg/kg Species Rat		
	CAS No.2650-30-8 Sodium- 3,5,5-trimethylhexanoate LD50: 1160 mg/kg Species Rat	OECD 401	
	CAS No.1474044-75-1 Benzotriazol, ar-methyl-, reaction product with formaldehyde and diethanolamine LD50: 1472 mg/kg bw/day	OECD 401	
Acute dermal toxicity	CAS No.107-21-1 ethanediol LD50: > 3500 mg/kg Species Mouse		
Acute inhalation toxicity	CAS No.107-21-1 ethanediol LC50: > 2.5 mg/L Species Rat Exposure time 6 h		

*** Assessment/classification**
Harmful if swallowed.*** Skin corrosion/irritation****Animal data**

Result / Evaluation	Method	Source, Remark
non-irritant. Species Rabbit	BASF-Test	Information concerns main component.
CAS No.2650-30-8 Sodium-3,5,5- trimethylhexanoate corrosive	OECD 431	

*** Assessment/classification**
Based on available data, the classification criteria are not met.*** Serious eye damage/irritation****Animal data**

Result / Evaluation	Method	Source, Remark
non-irritant. Species Rabbit	BASF-Test	Information concerns main component.

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Result / Evaluation	Method	Source, Remark
CAS No.2650-30-8 Sodium-3,5,5-trimethylhexanoate CorrosiveSpecies Bovine eye/corneal	OECD 437	

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

* **Sensitisation to the respiratory tract**

* **Assessment/classification**
 Study scientifically not necessary.

* **Skin sensitisation****Animal data**

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.	Species Guinea pig		Information concerns main component.

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

* **Germ cell mutagenicity**

	Value	Method	Result / Evaluation	Remark
In vitro mutagenicity/genotoxicity			negative	Information concerns main component.
In vitro mutagenicity/genotoxicity	CAS No.2650-30-8 Sodium-3,5,5-trimethylhexanoate	OECD 471	negative	
In vivo mutagenicity/genotoxicity	Species Rat		negative	Data apply to the main component.

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

* **Carcinogenicity****Animal data**

	Value	Method	Result / Evaluation	Remark
Carcinogenicity	oral NOAEL(C): 1000 mg/kg Species Rat Exposure duration 1 a			Information concerns main component.

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

* **Reproductive toxicity****Animal data**

	Value	Method	Result / Evaluation	Remark
Reproductive toxicity	oral NOAEL(C): > 1000 mg/kg			Information concerns main component.

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

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* **STOT-single exposure*** **STOT SE 1 and 2*** **Assessment/classification**

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

* **STOT-repeated exposure*** **Animal data**

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	300 mg/kg Species Rat	OECD 452			Information concerns main component.

* **Assessment/classification**

May cause damage to kidneys through prolonged or repeated exposure if swallowed.

* **Aspiration hazard*** **Assessment/classification**

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

11.2 Information on other hazards* **Other information**

May be absorbed through the skin.
 Risk of strong health injuries in case of long-term exposition.
 Poisonings effect on central nervous system.
 The product has not been tested. The information is derived from the properties of the individual components.

* **SECTION 12: Ecological information*** **12.1 Toxicity*** **Aquatic toxicity**

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	LC50: > 72860 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h	EPA 600/4-90/027	Information concerns main component.
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	EC50 > 100 mg/L Species Daphnia magna (Big water flea) Test duration 48 h	OECD 202	Information concerns main component.
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	EC50 6500- 13000 mg/L Species Raphidocelis subcapitata Test duration 96 h	EPA 600/9-78-018	Information concerns main component.
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	EC20 > 1995 mg/L Species activated sludge (kom.) Test duration 30 min	ISO 8192	Information concerns main component.

* **12.2 Persistence and degradability**

	Value	Method	Source, Remark
Biodegradation	Degradation rate 90- 100 % Test duration 10 d	OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A	CAS No.107-21-1 ethanediol

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	Value	Method	Source, Remark
Biodegradation	Degradation rate 87.9 % Test duration 28 d	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	CAS No.2650-30-8 Sodium-3,5,5- trimethylhexanoate

- * **Assessment/classification**
 Readily biodegradable (according to OECD criteria).

* **12.3 Bioaccumulative potential**

- * **Assessment/classification**
 Based on the n-octanol/water partition coefficients of the individual components of the mixture, accumulation in organisms is not expected.

* **12.4 Mobility in soil**

No data available

12.5 Results of PBT and vPvB assessment

The substance/mixture does not contain components meeting the PBT/vPvB criteria of the Reach Regulation, Annex XIII, at levels of 0.1% or higher.

* **12.6 Endocrine disrupting properties**

	Effective dose	Method, Evaluation	Source, Remark
Endocrine disrupting properties			See section 2.3

12.7 Other adverse effects* **Additional ecotoxicological information**

- * **Additional information**
 The product has not been tested. The data are derived from the individual components of the mixture.

* **SECTION 13: Disposal considerations*** **13.1 Waste treatment methods****Waste codes/waste designations according to EWC/AVV**

Waste code product	Waste name
160114 *	antifreeze fluids containing hazardous substances

- * **Appropriate disposal / Product**
 Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
 Prevent release to the environment. No disposal via the sewage.
 Disposal according to local regulations.

- * **Appropriate disposal / Package**
 Disposal according to local regulations.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	-	-	-

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14.6 Special precautions for user

The protective measures listed in Sections 6, 7 and 8 of the Safety Data Sheet have to be considered.

14.7 Maritime transport in bulk according to IMO instruments

No carriage in bulk.

Land transport (ADR/RID)

Remark

Not classified for this transport carrier.

Sea transport (IMDG)

Remark

No hazardous material as defined by the prescriptions.

Air transport (ICAO-TI / IATA-DGR)

Remark

No hazardous material as defined by the prescriptions.

*** SECTION 15: Regulatory information**

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

*** EU legislation**

*** Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

*** Other regulations (EU)**

*** To follow:**

National and local regulations concerning chemicals shall be observed.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII No 3.

*** 15.2 Chemical Safety Assessment**

*** National regulations**

Chemical safety assessments for substances in this mixture were carried out.

*** SECTION 16: Other information**

Key literature references and sources for data

Information from our suppliers and data from the "GESTIS Substances Database" and the "Registered Substances" database of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

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

The mixture was classified by the manufacturer.

*** Additional information**

The information contained herein is based on the 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.

Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

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Indication of changes

* Data changed compared with the previous version