

Trade name: Benzin zur Fleckenentfernung

Substance number: 153100

Version: 14 / CH

Date revised: 12.06.2024

Replaces Version: 13 / CH

Print date: 12.06.24

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

### **1.1. Product identifier**

Benzin zur Fleckenentfernung

Item No. 15310000

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

#### **Use of the substance/preparation**

Solvent

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

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification \*\*\***

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

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Repr. 2	H361f
STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements \*\*\***

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H361f	Suspected of damaging fertility.

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H336 May cause drowsiness or dizziness.  
 H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements \*\*\***

P201 Obtain special instructions before use.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P308+P313 IF exposed or concerned: Get medicinal advice/attention.  
 P331 Do NOT induce vomiting.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane;  
 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Hydrocarbons, C6, isoalkanes, <5% n-hexane; n-hexane; cyclohexane

**2.3. Other hazards**

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients \*\*\*****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

EINECS no.	921-024-6	
Registration no.	01-2119475514-35-XXXX	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Flam. Liq. 2	H225
	Skin Irrit. 2	H315
	STOT SE 3	H336
	Asp. Tox. 1	H304
	Aquatic Chronic 2	H411

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

EINECS no.	927-510-4	
Registration no.	01-2119475514-35-XXXX	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Flam. Liq. 2	H225
	Skin Irrit. 2	H315
	STOT SE 3	H336
	Asp. Tox. 1	H304
	Aquatic Chronic 2	H411

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

CAS No.	64742-49-0
EINECS no.	931-254-9

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Registration no.	01-2119484651-34-XXXX		
Concentration	>= 25	<	50 %
Classification (Regulation (EC) No. 1272/2008)			
	Flam. Liq. 2		H225
	Skin Irrit. 2		H315
	STOT SE 3		H336
	Asp. Tox. 1		H304
	Aquatic Chronic 2		H411

**cyclohexane**

CAS No.	110-82-7		
EINECS no.	203-806-2		
Concentration	>= 10	<	20 %
Classification (Regulation (EC) No. 1272/2008)			
	Flam. Liq. 2		H225
	Asp. Tox. 1		H304
	Skin Irrit. 2		H315
	STOT SE 3		H336
	Aquatic Acute 1		H400
	Aquatic Chronic 1		H410

**n-hexane**

CAS No.	110-54-3		
EINECS no.	203-777-6		
Concentration	>= 3	<	5 %
Classification (Regulation (EC) No. 1272/2008)			
	Flam. Liq. 2		H225
	Asp. Tox. 1		H304
	Skin Irrit. 2		H315
	Repr. 2		H361f
	STOT SE 3		H336
	STOT RE 2		H373
	Aquatic Chronic 2		H411

Concentration limits (Regulation (EC) No. 1272/2008)

STOT RE 2	H373	>= 5 %
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**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

**After inhalation**

Ensure supply of fresh air. If necessary, give oxygen. Summon a doctor immediately. If the patient is likely to become unconscious, place and transport in stable sideways position.

**After skin contact**

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an ophthalmologist.

**After ingestion**

Do not induce vomiting. Summon a doctor immediately. If swallowed, rinse mouth with water (only if the person is conscious).

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

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**Hints for the physician / treatment**

Treat symptomatically

**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Alcohol-resistant foam, Dry chemical extinguisher, Water mist

**Non suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Can build mixtures of gas and air which are capable of explosion. Vapours heavier than air. Can build mixtures of gas and air which are capable of explosion.**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear full protective suit. Do not allow run-off from fire fighting to enter drains or water courses.

**Other information**

Cool endangered containers with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep away unprotected persons. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with eyes and skin. Do not inhale vapours.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not empty into drains, caverns and basements. Advise water authority if spillage has entered water course or drainage system.

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

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

**6.4. Reference to other sections**

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Provide good room ventilation even at ground level (vapours are heavier than air). Handle and open container with care. Avoid formation of aerosols.

**Advice on protection against fire and explosion**

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Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air. Take action to prevent static discharges. Use explosion-proof equipment/fittings and non-sparking tools. Risk of explosion if the liquid enters the drains.

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

### Requirements for storage rooms and vessels

explosion proof. Provide solvent-resistant and impermeable floor. Keep tightly closed in a dry and cool place.

### Hints on storage assembly

Do not store with oxidizing agents.

### Storage classes

Storage class according to TRGS 510	3	Flammable liquid
Storage category (Switzerland)	3	Flammable liquid

### Further information on storage conditions

Protect from heat and direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### cyclohexane

List	SUVA			
Type	MAK			
Value	700	mg/m <sup>3</sup>	200	ppm(V)
Short term exposure limit	2800	mg/m <sup>3</sup>	800	ppm(V)
Remarks: B; ZNS; NIOSH				

##### n-hexane

List	SUVA			
Type	MAK			
Value	180	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit	1440	mg/m <sup>3</sup>	400	ppm(V)
Skin resorption / sensibilisation: H; Pregnancy group: S; Remarks: H B R2F SSc; NS, Auge; NIOSH				

#### Derived No/Minimal Effect Levels (DNEL/DMEL)

##### Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Long term			
Route of exposure	dermal			
Mode of action	Systemic effects			
Concentration	773			mg/kg

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Long term			
Route of exposure	inhalative			
Mode of action	Systemic effects			
Concentration	2035			mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)			
Reference group	Consumer			
Duration of exposure	Long term			
Route of exposure	dermal			
Mode of action	Systemic effects			

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Concentration	699	mg/kg
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Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	608	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	699	mg/kg

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	2085	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	149	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	477	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Concentration	149	mg/kg/d

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	

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Mode of action	Systemic effects	
Concentration	13964	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	5306	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	1377	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1137	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	1301	mg/kg/d

## 8.2. Exposure controls

### Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

### General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work. Store work clothing separately. At work do not eat, drink, smoke or take drugs. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

### Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Gas filterAX.

### Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material nitrile rubber - NBR

Hand protection must comply with EN 374.

### Eye protection

Safety glasses with side protection shield

### Body protection

Solvent-resistant protective clothing

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

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

<b>Physical state</b>	liquid, clear		
<b>Colour</b>	colourless		
<b>Odour</b>	paraffin-like		
<b>Boiling point or initial boiling point and boiling range</b>			
Value	60	to	100 °C
<b>Upper and lower explosive limits</b>			
Lower explosion limit	0.6		%(V)
Upper explosion limit	7.3		%(V)
<b>Flash point</b>			
Value	<	0	°C
<b>Ignition temperature</b>			
Value	>	200	°C
<b>pH value</b>			
Remarks	Not applicable		
<b>Viscosity</b>			
<b>kinematic</b>			
Value	0.45		mm <sup>2</sup> /s
Temperature	25		°C
<b>Partition coefficient n-octanol/water (log value)</b>			
log Pow	4	to	5
<b>Vapour pressure</b>			
Value	appr. 15		kPa
Temperature	20		°C
<b>Density and/or relative density</b>			
Value	appr. 0.7		g/cm <sup>3</sup>
Temperature	15		°C

### **9.2. Other information**

<b>Odour threshold</b>			
Value	appr. 990		µg/l
<b>Solubility in water</b>			
Remarks	virtually insoluble		
<b>Oxidising properties</b>			
Remarks	No data available		
<b>Other information</b>			
Forms explosive mixture with air are possible.			

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

### **10.1. Reactivity**

No decomposition if stored and applied as directed.

### **10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

### **10.3. Possibility of hazardous reactions**



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No hazardous reactions known.

**10.4. Conditions to avoid**

Heat. Flames. Sparks

**10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**

Flammable gases/vapours, Carbon monoxide and carbon dioxide

**Other information**

Danger of explosion. Formation of explosive gas/air mixtures.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rat		
LD50	>	5000	mg/kg
Method		OECD 401	

**Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	rat		
LD50	>	5000	mg/kg
Method		OECD 401	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rat		
LD50	>	5840	mg/kg
Method		OECD 401	
Source		Analogous	

**cyclohexane**

Species	rat		
LD50		12700	mg/kg
Source		GESTIS-Stoffdatenbank	
Source		Toxicology and Applied Pharmacology. Vol. 19, Pg. 699, 1971.	

**Acute dermal toxicity (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	rat		
LD50	>	2000	mg/kg
Method		OECD 402	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rat		
LD50	>	2920	mg/kg
Method		OECD 402	
Source		Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rat		
LC50	>	3000	mg/kg
Method		OECD 402	

**Acute inhalative toxicity (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	rat		
LC50	>	20	mg/l

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Duration of exposure 4 h  
Administration/Form Vapors  
Method OECD 403

**Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species rat  
LC50 > 20 mg/l  
Duration of exposure 4 h  
Administration/Form Vapors  
Method OECD 403

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species rat  
LC50 > 23.3 mg/l  
Duration of exposure 4 h  
Administration/Form Vapors  
Method OECD 403  
Source Analogous

**Skin corrosion/irritation (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

evaluation slightly irritant  
Remarks Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation Moderately irritating  
Method OECD 404

**Serious eye damage/irritation (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

evaluation non-irritant

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation Moderately irritating  
Method OECD 405

**Sensitization (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

evaluation non-sensitizing

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation non-sensitizing

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation non-sensitizing

**cyclohexane**

Remarks No sensitisation effect known.

**Mutagenicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation No experimental indications on genotoxicity in vivo found.  
Source Analogous

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation No experimental indications on genotoxicity in vivo found.  
Source Analogous

**cyclohexane**

Remarks No information available.

**Reproduction toxicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

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evaluation No negative effects  
Source Analogous

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation No negative effects  
Source Analogous

**cyclohexane**

Remarks No data available.

**Carcinogenicity (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

evaluation No negative effects  
Source Analogous

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

evaluation No negative effects  
Source Analogous

**cyclohexane**

evaluation No negative effects  
Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) (Components)****cyclohexane**

Remarks No data available

**Aspiration hazard (Components)****cyclohexane**

Harmful: may cause lung damage if swallowed.

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

**Experience in practice**

Causes a numb feeling. Irritates the mucous membrane.

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****Fish toxicity (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	red killifish		
LC50	1		mg/l
Duration of exposure	48	h	
Source	Analogous		

**Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	11.4		mg/l
Duration of exposure	96	h	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	13.4		mg/l
Duration of exposure	96	h	

**cyclohexane**

Species	Fathead minnow (Pimephales promelas)		
LC50	4.5		mg/l
Duration of exposure	4	d	

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**Daphnia toxicity (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	Daphnia magna	
NOEC	0.17	mg/l
Duration of exposure	21	d

**Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	Daphnia magna	
LOEC	0.32	
Duration of exposure	21	d

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Daphnia magna	
NOEC	0.17	mg/l
Duration of exposure	21	d
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	Daphnia magna	
LC50	3.87	mg/l
Duration of exposure	48	h
Source	Analogous	

**cyclohexane**

Species	Daphnia magna	
EC50	0.9	mg/l
Duration of exposure	2	d

**Algae toxicity (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Species	Raphidocelis subcapitata	
ErC50	55	mg/l
Duration of exposure	72	h
Source	Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

NOEC	30	mg/l
Duration of exposure	72	h

**Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Species	Raphidocelis subcapitata	
EC50	30	mg/l
Duration of exposure	72	h
Method	OECD 201	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Raphidocelis subcapitata	
NOEC	10	mg/l
Duration of exposure	72	h
Source	Analogous	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Species	Raphidocelis subcapitata		
EC50	10	to 30	mg/l
Duration of exposure	72	h	
Source	Analogous		

**cyclohexane**

Species	Chlorobionta	
EC50	9.317	mg/l
Duration of exposure	3	d

**Bacteria toxicity (Components)**

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**cyclohexane**

Remarks No data available.

**12.2. Persistence and degradability****Physico-chemical eliminability**

Remarks Quantitative data concerning the ecological effect are not available.

**Biodegradability (Components)****Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Value	81	%
Duration of test evaluation	28	d
Source	Readily biodegradable Analogous	

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Value	98	%
Duration of test evaluation	28	d
Source	Readily biodegradable Analogous	

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Value	98	%
Duration of test evaluation	28	d
Source	Readily biodegradable Analogous	

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water (log value)**

log Pow 4 to 5

**Octanol/water partition coefficient (log Pow) (Components)****Hydrocarbons, C6, isoalkanes, <5% n-hexane**

log Pow 3.6

**12.4. Mobility in soil****Mobility in soil (Components)****Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

The product is insoluble and floats on water.

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics**

Adsorbs on soil.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

The product is insoluble and floats on water.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

The product is easily volatile.

**Hydrocarbons, C6, isoalkanes, <5% n-hexane**

Will not adsorb on soil.

**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment \*\*\***

The Substance does not meet PBT-criteria.  
This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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**12.7. Other adverse effects****General information / ecology**

Do not allow it to reach soil, ground water, water bodies or sewage system. Very toxic for aquatic organisms. May cause long lasting harmful effects to aquatic life.







**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code No not dispose with rubbish.  
 Disposal in compliance with local and national regulations.  
 EWC waste code Should not be released into the sanitary sewer system.  
 Recovery or recycling, if possible. Otherwise: combustion in incineration plant.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information \*\*\***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	D/E		
14.1. UN number	3295	3295	3295
14.2. UN proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (cyclohexane)	HYDROCARBONS, LIQUID, N.O.S. (cyclohexane)	HYDROCARBONS, LIQUID, N.O.S. (cyclohexane)
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Special provision	640D		
Limited Quantity	1 I		
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

**Other information**

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**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

**CLP categories listed in Chapter 3**

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin irritation, Category 2
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.