



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

Page 1 of 15

TEROSON VR 610

SDS No. : 75977  
V004.1

Revision: 20.06.2023

printing date: 26.06.2023

Replaces version from: 11.10.2022

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

#### 1.1. Product identifier

TEROSON VR 610

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

Intended use:

Others

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

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

Phone: +49 211 797 0

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

SDSinfo.Adhesive@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.

### SECTION 2: Hazards identification

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

##### Classification (CLP):

Aspiration hazard

Category 1

H304 May be fatal if swallowed and enters airways.

Skin irritation

Category 2

H315 Causes skin irritation.

Specific target organ toxicity - single exposure

Category 3

H336 May cause drowsiness or dizziness.

Target organ: Central nervous system

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Contains

Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene

<b>Signal word:</b>	Danger
<b>Hazard statement:</b>	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness.
<b>Supplemental information</b>	Contains: Sulfonic acids, petroleum, calcium salts May produce an allergic reaction.
<b>Precautionary statement:</b>	P261 Avoid breathing vapors.
<b>Prevention</b>	P280 Wear protective gloves.
<b>Precautionary statement:</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
<b>Response</b>	P331 Do NOT induce vomiting.

### 2.3. Other hazards

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M-factors and ATEs	Add. Information
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8 265-149-8	40- 60 %	STOT SE 3, H336 Skin Irrit. 2, H315 Asp. Tox. 1, H304		
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6 271-529-4 01-2119492627-25	0,1- < 1 %	Skin Sens. 1B, H317	Skin Sens. 1B; H317; C $\geq$ 10 %	
Sulfonic acids, petroleum, calcium salts 61789-86-4 263-093-9 01-2119488992-18	0,1- < 1 %	Skin Sens. 1B, H317		
(C16-C24)Alkylbenzenesulfonic acid, Ca 70024-69-0 274-263-7 01-2119492616-28	0,1- < 1 %	Skin Sens. 1B, H317	Skin Sens. 1B; H317; C $\geq$ 10 %	

If no ATE values are displayed, please refer to LD/LC50 values in Section 11.

For full text of the H - statements and other abbreviations see section 16 "Other information".

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

IF ON SKIN: Wash with plenty of soap and water.

In case of adverse health effects seek medical advice.

Eye contact:

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

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

After ingestion or vomit: danger of product entering the lung.

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

SKIN: Redness, inflammation.

ASPIRATION: Coughing, shortness of breath, nausea. Delayed effect: bronchopneumonia or pulmonary oedema

Vapors may cause drowsiness and dizziness.

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

See section: Description of first aid measures

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

Do not induce vomiting.

Seek medical attention from a specialist.

## 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:**

High pressure waterjet

### 5.2. Special hazards arising from the substance or mixture

In case of fire toxic gases can be released.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

Avoid contact with skin and eyes.

Keep unprotected persons away.

Danger of slipping on spilled product.

### 6.2. Environmental precautions

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

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

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

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

Hygiene measures:

- Do not eat, drink or smoke while working.
- Wash hands before work breaks and after finishing work.
- Take off contaminated clothing and wash before reuse.

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

Ensure good ventilation/extraction.

Store in a cool place.

Temperatures between + 10 °C and + 25 °C

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

Others

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**

Valid for  
Germany

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8		300	Exposure limit(s):	If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Sulfonic acids, petroleum, calcium salts 61789-86-4		5	Exposure limit(s):	4	TRGS 900
Sulfonic acids, petroleum, calcium salts 61789-86-4			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Engineering controls:

Use only in well ventilated areas.

Respiratory protection:

In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN 14387).

This recommendation should be matched to local conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:  
Goggles which can be tightly sealed.  
Protective eye equipment should conform to EN166.

Skin protection:  
Wear protective equipment.  
Protective clothing that covers arms and legs.  
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:  
Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation No. 819 of 19 August 1994 (Norway), or equivalent.  
The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.  
Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

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

Delivery form	liquid
Colour	grey, black
Odor	Of hydrocarbons
Physical state	liquid
Melting point	Not applicable, Product is a liquid
Solidification temperature	-50 °C (-58 °F)
Initial boiling point	130 °C (266 °F)
Flammability	The product is not flammable.
Explosive limits	
lower	8,40 %(V); Upper explosion limit not applicable for safe processing practices.
Flash point	75 °C (167 °F)
Auto-ignition temperature	221 °C (429.8 °F)
Decomposition temperature	Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use
pH	Not applicable, Product is non-soluble (in water).
Viscosity (kinematic) (40 °C (104 °F); )	4,9 mm <sup>2</sup> /s ;no method / method unknown
Viscosity, dynamic (Brookfield; 20 °C (68 °F))	4 mPa.s no method / method unknown
Flow cup viscosity (20,0 °C (68 °F); Type of cup: DIN-Cup; Nozzle: 3,0 mm DIN EN ISO 2431; QP2017.1, QP1580.0; Running out time with flow cups)	21,0 s DIN EN ISO 2431 Running out time with flow cups
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Not miscible
Solubility (qualitative) (20 °C (68 °F); Solvent: aromatic solvents)	Miscible
Partition coefficient: n-octanol/water	Not applicable
Vapour pressure (20 °C (68 °F))	Mixture 1100 Pa
Vapour pressure (50 °C (122 °F))	5400 Pa
Density (20 °C (68 °F))	0,819 g/cm <sup>3</sup> Dichte Pyknometer; HT-Methode; Henkel Iberica NS-06
Relative vapour density: (20 °C)	1,11
Particle characteristics	Not applicable Product is a liquid

### 9.2. Other information

Other information not applicable for this product

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

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

None if used for intended purpose.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

No decomposition if used according to specifications.

**SECTION 11: Toxicological information****General toxicological information:**

An allergic reaction cannot be excluded after repeated skin contact.

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

**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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LD50	> 5.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	LD50	> 5.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LD50	> 5.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	LD50	> 5.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

**Acute inhalative 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	Test atmosphere	Exposure time	Species	Method
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LC50	> 5,3 mg/l	dust/mist	4 h	rat	not specified

**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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	irritating		rabbit	EPA Guideline
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	not irritating	4 h	rabbit	EPA OPPTS 870.2500 (Acute Dermal Irritation)

**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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	slightly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	not irritating		rabbit	EPA OPPTS 870.2400 (Acute Eye Irritation)

**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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	not sensitising			OECD Guideline 406 (Skin Sensitisation)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Sulfonic acids, petroleum, calcium salts 61789-86-4	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)



**Germ cell mutagenicity:**

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

<b>Hazardous substances CAS-No.</b>	<b>Result</b>	<b>Type of study / Route of administration</b>	<b>Metabolic activation / Exposure time</b>	<b>Species</b>	<b>Method</b>
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative	bacterial reverse mutation assay (e.g Ames test)			OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative	in vitro mammalian chromosome aberration test			OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative	mammalian cell gene mutation assay			OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative	sister chromatid exchange assay in mammalian cells			OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sulfonic acids, petroleum, calcium salts 61789-86-4	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative				OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	negative				OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
(C16- C24)Alkylbenzenesulfoni c acid, Ca 70024-69-0	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

**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
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	not carcinogenic					OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

May cause drowsiness or dizziness.

No substance 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
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	NOAEL 500 mg/kg	oral: gavage	29 d daily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
Sulfonic acids, petroleum, calcium salts 61789-86-4	NOAEL 1.000 mg/kg	oral: gavage	28 d daily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
(C16-C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	NOAEL 500 mg/kg	oral: gavage	29 d daily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

**Aspiration hazard:**

May be fatal if swallowed and enters airways.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	1,64 mm <sup>2</sup> /s	40 °C	not specified	

**11.2 Information on other hazards**

not applicable

## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains, soil or bodies of water.

### 12.1. Toxicity

#### Toxicity (Fish):

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LL0	1.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	LL50	> 250 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Benzenesulfonic acid, C10- 16-alkyl derivs., calcium salts 68584-23-6	LL50	> 10.000 mg/l	96 h	Cyprinodon variegatus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LL50	> 1.000 mg/l	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	LC50	Toxicity > Water solubility	96 h	Cyprinodon variegatus	OECD Guideline 203 (Fish, Acute Toxicity Test)

#### Toxicity (aquatic invertebrates):

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	EL0	1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	EC50	> 1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	EC50	> 1.000 mg/l	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50	> 1.000 mg/l	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	EC50	Toxicity > Water solubility	48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)

#### Chronic toxicity (aquatic invertebrates):

No data available.

#### Toxicity (Algae):

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	EL0	1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	EC50	> 1.000 mg/l	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	NOEC	1.000 mg/l	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Sulfonic acids, petroleum, calcium salts 61789-86-4	NOELR	100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EL50	> 100 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	EC50	Toxicity > Water solubility	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	NOEC	Toxicity > Water solubility	72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)

#### Toxicity (microorganisms):

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50	> 10.000 mg/l	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	EC50	> 10.000 mg/l	3 h	activated sludge of a predominantly industrial sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

#### 12.2. Persistence and degradability

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	readily biodegradable	not specified	69 %	28 day	OECD 301 A - F
Benzenesulfonic acid, C10-16- alkyl derivs., calcium salts 68584-23-6	not readily biodegradable.	aerobic	8 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	not readily biodegradable.	aerobic	8 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
(C16- C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	not readily biodegradable.	aerobic	8 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

#### 12.3. Bioaccumulative potential

No data available.

**12.4. Mobility in soil**

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, petroleum, calcium salts 61789-86-4	22,12	25 °C	QSAR (Quantitative Structure Activity Relationship)

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	PBT / vPvB
Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene 64742-47-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Sulfonic acids, petroleum, calcium salts 61789-86-4	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
(C16-C24)Alkylbenzenesulfonic acid, Ca 70024-69-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

080409

## SECTION 14: Transport information

- 14.1. UN number or ID number**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.4. Packing group**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Not applicable
VOC content (2010/75/EU)	53,4 %

### VOC Paints and Varnishes (EU):

Product (sub)category: This product is not a subject of the Directive 2004/42/EC

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### National regulations/information (Germany):

WGK: WGK 1: slightly hazardous to water (Ordinance on facilities for handling substances that are hazardous to water (AwSV) )  
Classification according to AwSV, Annex 1 (5.2)

Storage class according to TRGS 510: 10

**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:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

ED:	Substance identified as having endocrine disrupting properties
EU OEL:	Substance with a Union workplace exposure limit
EU EXPLD 1:	Substance listed in Annex I, Reg (EC) No. 2019/1148
EU EXPLD 2	Substance listed in Annex II, Reg (EC) No. 2019/1148
SVHC:	Substance of very high concern (REACH Candidate List)
PBT:	Substance fulfilling persistent, bioaccumulative and toxic criteria
PBT/vPvB:	Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria
vPvB:	Substance fulfilling very persistent and very bioaccumulative criteria

**Further information:**

This Safety Data Sheet has been produced for sales from Henkel to parties purchasing from Henkel, is based on Regulation (EC) No 1907/2006 and provides information in accordance with applicable regulations of the European Union only. In that respect, no statement, warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory other than the European Union. When exporting to territories other than the European Union, please consult with the respective Safety Data Sheet of the concerned territory to ensure compliance or liaise with Henkel's Product Safety and Regulatory Affairs Department (SDSinfo.Adhesive@henkel.com) prior to export to other territories than the European Union.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your\_company.com).

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**