



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

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TEROSON WX 400

SDS No. : 456436  
V005.1

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

#### 1.1. Product identifier

TEROSON WX 400

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

Intended use:

Cavity sealing

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

Henkel Ltd

Wood Lane End

HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 1442 278000

Fax-no.: +44 1442 278071

ua-productsafety.uk@henkel.com

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

### SECTION 2: Hazards identification

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

##### Classification (CLP):

Flammable liquids	Category 3
H226 Flammable liquid and vapor.	
Specific target organ toxicity - single exposure	Category 3
H336 May cause drowsiness or dizziness.	
Target organ: Central nervous system	
Chronic hazards to the aquatic environment	Category 3
H412 Harmful to aquatic life with long lasting effects.	
Skin sensitizer	Category 1
H317 May cause an allergic skin reaction.	

#### 2.2. Label elements

##### Label elements (CLP):

**Hazard pictogram:****Contains**

Naphtha (petroleum), hydrotreated heavy (&lt;0.1% benzene)

Sulfonic acids, petroleum, calcium salts

**Signal word:**

Warning

**Hazard statement:**

H226 Flammable liquid and vapor.  
 H317 May cause an allergic skin reaction.  
 H336 May cause drowsiness or dizziness.  
 H412 Harmful to aquatic life with long lasting effects.

**Supplemental information**

EUH066 Repeated exposure may cause skin dryness or cracking.

**Precautionary statement:  
Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
 No smoking.  
 P261 Avoid breathing vapors.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement:  
Response**P370+P378 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.**Precautionary statement:  
Storage**

P403+P235 Store in a well-ventilated place. Keep cool.

**2.3. Other hazards**

Solvents contained in the product evaporate during processing and their vapors can form explosive/highly inflammable air/vapor mixtures.

The solvent vapors are heavier than air and may collect in high concentrations at floor level.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures****General chemical description:**

Cavity sealing

**Base substances of preparation:**

Aliphatic/Aromatic hydrocarbons

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

<b>Hazardous components CAS-No.</b>	<b>EC Number REACH-Reg No.</b>	<b>content</b>	<b>Classification</b>
Naphtha (petroleum), hydrotreated heavy ( $<0.1\%$ benzene) 64742-48-9	01-2119463258-33	20- 40 %	Flam. Liq. 3 H226 Asp. Tox. 1 H304 STOT SE 3 H336
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	272-213-9	10- 20 %	Aquatic Chronic 4 H413
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, $<2\%$ aromatics 64742-48-9	01-2119463258-33	10- < 20 %	Asp. Tox. 1 H304 Flam. Liq. 3 H226 STOT SE 3 H336
Sulfonic acids, petroleum, calcium salts 61789-86-4	263-093-9 01-2119488992-18	5- < 10 %	Skin Sens. 1 H317 Aquatic Chronic 4 H413
Nonane 111-84-2	203-913-4	0,25- < 2,5 %	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 STOT SE 3 H336 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

## 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.

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

Repeated exposure may cause skin dryness or cracking.

Vapors may cause drowsiness and dizziness.

SKIN: Rash, Urticaria.

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

See section: Description of first aid measures

## 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:

Water jet (solvent-containing product).

### 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 protective equipment.

Wear self-contained breathing apparatus.

## 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.

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 (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

Avoid open flames and sources of ignition.

Ground/bond container and receiving equipment.

Use explosion proof electric equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

#### Hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

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

Ensure good ventilation/extraction.

Storage at 15 to 25°C is recommended.

### 7.3. Specific end use(s)

Cavity sealing

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Great Britain

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, INHALABLE DUST]		10	Time Weighted Average (TWA):		EH40 WEL
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		EH40 WEL
Calcium carbonate 471-34-1 [LIMESTONE, RESPIRABLE MARBLE, RESPIRABLE]		4	Time Weighted Average (TWA):		EH40 WEL
Calcium carbonate 471-34-1 [LIMESTONE, TOTAL INHALABLE MARBLE, TOTAL INHALABLE]		10	Time Weighted Average (TWA):		EH40 WEL

#### Occupational Exposure Limits

Valid for  
Ireland

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		IR_OEL
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, TOTAL INHALABLE DUST]		10	Time Weighted Average (TWA):		IR_OEL
Distillates (petroleum), solvent-refined light paraffinic 64741-89-5 [MINERAL OIL, PURE, HIGHLY & SEVERELY REFINED, INHALABLE FRACTION]		5	Time Weighted Average (TWA):		IR_OEL
Nonane 111-84-2 [NONANE, ALL ISOMERS]	200	1.050	Time Weighted Average (TWA):		IR_OEL

**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	Workers	dermal	Long term exposure - systemic effects		208 mg/kg	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	Workers	Inhalation	Long term exposure - systemic effects		871 mg/m3	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	dermal	Long term exposure - systemic effects		125 mg/kg	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	Inhalation	Long term exposure - systemic effects		185 mg/m3	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	oral	Long term exposure - systemic effects		125 mg/kg	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	Workers	dermal	Long term exposure - systemic effects		208 mg/kg	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	Workers	Inhalation	Long term exposure - systemic effects		871 mg/m3	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	General population	dermal	Long term exposure - systemic effects		125 mg/kg	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	General population	Inhalation	Long term exposure - systemic effects		185 mg/m3	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	General population	oral	Long term exposure - systemic effects		125 mg/kg	

**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 &gt; 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; &gt;= 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to &gt; 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; &gt;= 0.4 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).

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

Appearance	liquid
	liquid
	brown
Odor	hydrocarbons
Odour threshold	No data available / Not applicable
pH	Not applicable, Non-aqueous
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	154 °C (309.2 °F)
Flash point	43 °C (109.4 °F); DIN 51755 Closed cup flash point
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	
lower	0,6 % (V)
upper	6,5 % (V)
Vapour pressure	1100 Pa
(50 °C (122 °F))	
Vapour pressure	1500 Pa
(55 °C (131 °F))	
Relative vapour density:	No data available / Not applicable
Density	0,91 g/cm <sup>3</sup>
(20 °C (68 °F))	
Bulk density	No data available / Not applicable
Solubility	No data available / Not applicable
Solubility (qualitative)	Not miscible
(20 °C (68 °F); Solvent: Water)	
Partition coefficient: n-octanol/water	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Viscosity	130 mPa.s
(; 40 °C (104 °F); speed of rotation: 100,0 min-1)	
Viscosity (kinematic)	140 mm <sup>2</sup> /s
(40 °C (104 °F); )	
Explosive properties	No data available / Not applicable
Oxidising properties	No data available / Not applicable

### 9.2. Other information

Flow cup viscosity	18 s
(20 °C (68 °F); Type of cup: DIN-Cup; Nozzle: 4 mm DIN EN ISO 2431; QP2017.1, QP1580.0; Running out time with flow cups)	
Flow cup viscosity	34 s
(23,0 °C (73.4 °F); Type of cup: DIN-Cup; Nozzle: 3,0 mm DIN EN ISO 2431; QP2017.1, QP1580.0; Running out time with flow cups)	
Ignition temperature	240 °C (464 °F)
max. VOC content:	366,7 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Oxidizers.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

Heat, flames, sparks and other sources of ignition.

### 10.5. Incompatible materials

See section reactivity.

### 10.6. Hazardous decomposition products

No decomposition if used according to specifications.

## SECTION 11: Toxicological information

### 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
Naphtha (petroleum), hydrotreated heavy ( $<0.1\%$ benzene) 64742-48-9	LD50	$> 5.000$ mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	LD50	$> 20.000$ mg/kg	rat	not specified
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, $< 2\%$ aromatics 64742-48-9	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)

#### 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
Naphtha (petroleum), hydrotreated heavy ( $<0.1\%$ benzene) 64742-48-9	LD50	$> 2.000$ mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	LD50	$> 20.000$ mg/kg	rabbit	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, $< 2\%$ aromatics 64742-48-9	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)



**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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	LC50		vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	LC50	> 5,6 mg/l	dust/mist	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

**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
Sulfonic acids, petroleum, calcium salts 61789-86-4	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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Sulfonic acids, petroleum, calcium salts 61789-86-4	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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Sulfonic acids, petroleum, calcium salts 61789-86-4	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.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	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)

**Carcinogenicity**

No data available.

**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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	NOAEL P >= 20000 mg/m3 NOAEL F1 >= 20000 mg/m3	Two generation study	inhalation: vapour	rat	OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

**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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9		inhalation: vapour	6 h/d, 5 d/w for 4 weeks daily	rat	OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	NOAEL 3.750 mg/kg	dermal	once per day	rat	OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
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)

**Aspiration hazard:**

The mixture is classified based on Viscosity data.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	1,02 mm <sup>2</sup> /s	40 °C	calculated	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	0 mm <sup>2</sup> /s	40 °C	not specified	

## 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.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	LL50	> 1.000 mg/l	96 h	Oncorhynchus mykiss	not specified
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	LC 50	1,2 mg/l	48 h	Ide, silver or golden orfe (Leuciscus idus)	Static
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	LL50		96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	LL50		96 h	Cyprinodon variegatus	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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	EL0	1.000 mg/l	48 h	Daphnia magna	not specified
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	EL50		48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50		48 h	Daphnia magna	EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)
Nonane 111-84-2	EC50	0,2 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**Chronic toxicity to aquatic invertebrates**

No data available.

**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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	EL50	> 1.000 mg/l	72 h	Pseudokirchneriella subcapitata	not specified
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	NOELR	100 mg/l	72 h	Pseudokirchneriella subcapitata	not specified
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	EL50		72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	NOELR		72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50		72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
Sulfonic acids, petroleum, calcium salts 61789-86-4	NOEC		72 h	Pseudokirchneriella subcapitata	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)

**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
Sulfonic acids, petroleum, calcium salts 61789-86-4	EC50		3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**12.2. Persistence and degradability**

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	readily biodegradable	no data	80 %	28 d	not specified
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0		aerobic	85,2 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn- Wellens/EMPA Test)
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0		aerobic	9,1 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	readily biodegradable	aerobic	80 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Sulfonic acids, petroleum, calcium salts 61789-86-4		aerobic	8,6 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Nonane 111-84-2	readily biodegradable	aerobic	100 %	25 d	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

Hazardous substances CAS-No.	LogPow	Temperature	Method
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	19,7		OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Sulfonic acids, petroleum, calcium salts 61789-86-4	23,21		QSAR (Quantitative Structure Activity Relationship)
Nonane 111-84-2	5,65		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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 64742-48-9	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.

#### 12.6. 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.

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## SECTION 14: Transport information

**14.1. UN number**

ADR	1139
RID	1139
ADN	1139
IMDG	1139
IATA	1139

**14.2. UN proper shipping name**

ADR	COATING SOLUTION
RID	COATING SOLUTION
ADN	COATING SOLUTION
IMDG	COATING SOLUTION (Solvent naphtha)
IATA	Coating solution

**14.3. Transport hazard class(es)**

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

**14.4. Packing group**

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

**14.5. Environmental hazards**

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	Marine pollutant
IATA	not applicable

**14.6. Special precautions for user**

ADR	not applicable Tunnelcode: (D/E)
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**

VOC content	40,3 %
(VOCV 814.018 VOC regulation CH)	
VOC content	41,9 %
(2010/75/EU)	

**VOC Paints and Varnishes (EU):**

Regulatory Basis:	Directive 2004/42/EC
Product (sub)category:	B(e) Special finishes
Phase I (from 1.1.2007):	840 g/l
max. VOC content:	366,7 g/l

**15.2. Chemical safety assessment**

A chemical safety assessment has not 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:

- H226 Flammable liquid and vapor.
- 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.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

**Further information:**

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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.

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