



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

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SDS No. : 490437
V005.0

TEROSON WX 215 CC AE

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

1.1. Product identifier

TEROSON WX 215 CC AE

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 aerosol Category 1

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

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 2

H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:**Contains**

Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)

Signal word:

Danger

Hazard statement:

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H336 May cause drowsiness or dizziness.
 H411 Toxic 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.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.

**Precautionary statement:
Storage**

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3. Other hazards

The aerosol container is under pressure. Do not expose to high temperatures.

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:

Solvent mixture

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

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	265-150-3 01-2119463258-33	20- 40 %	Flam. Liq. 3 H226 Asp. Tox. 1 H304 STOT SE 3 H336
Butane, n- (< 0.1 % butadiene) 106-97-8	203-448-7 01-2119474691-32	20- 40 %	Flam. Gas 1 H220 Press. Gas
Propane 74-98-6	200-827-9 01-2119486944-21	10- 20 %	Flam. Gas 1 H220 Press. Gas
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	265-150-3	1- < 3 %	Asp. Tox. 1 H304 Aquatic Chronic 4 H413
Sulfonic acids, petroleum, calcium salts, overbased 68783-96-0	272-213-9	1- < 3 %	Aquatic Chronic 4 H413
Nonane 111-84-2	203-913-4	1- < 3 %	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 STOT SE 3 H336 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
Isobutane 75-28-5	200-857-2 01-2119485395-27	1- < 3 %	Flam. Gas 1 H220 Press. Gas

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:

Fresh air, oxygen supply, warmth; seek specialist medical attention.

Skin contact:

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

Eye contact:

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

Ingestion:

not relevant.

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

Vapors may cause drowsiness and dizziness.

Repeated exposure may cause skin dryness or cracking.

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 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.

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.

Use only non-sparking tools.

Use explosion proof electric equipment.

Take precautionary measures against static discharge.

Ground/bond container and receiving equipment.

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.

Temperatures between + 5 °C and + 25 °C

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 ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Butane 106-97-8 [BUTANE]	750	1.810	Short Term Exposure Limit (STEL):		EH40 WEL
Butane 106-97-8 [BUTANE]	600	1.450	Time Weighted Average (TWA):		EH40 WEL

Occupational Exposure Limits

Valid for
Ireland

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Butane 106-97-8 [BUTANE]	1.000		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
Isobutane 75-28-5 [ISOBUTANE]	1.000		Short Term Exposure Limit (STEL):	15 minutes	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	

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:

In case of aerosol forming ensure sufficient suction and ventilation.

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):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

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

nitrile rubber (NBR; ≥ 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	aerosol liquid brown
Odor	slightly
Odour threshold	No data available / Not applicable

pH	Not available.
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	42 °C (107.6 °F); ASTM D3278 Setaflash Closed Cup
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Relative vapour density:	No data available / Not applicable
Density	0,706 g/cm3

(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	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

max. VOC content: 514,7 g/l

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

Reacts with strong oxidants.

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.

Temperatures over appr. 50 °C

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)
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

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)
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	

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)
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	274200 ppm	gas	4 h	rat	not specified
Propane 74-98-6	LC50	> 800000 ppm	gas	15 min	rat	not specified
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	LC50		vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Isobutane 75-28-5	LC50	260200 ppm	gas	4 h	mouse	not specified

Skin corrosion/irritation:

No data available.

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)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

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)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

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)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Propane 74-98-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Propane 74-98-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
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)
Isobutane 75-28-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Isobutane 75-28-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	negative	intraperitoneal		rat	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative			Drosophila melanogaster	not specified
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	inhalation: gas		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Propane 74-98-6	negative			Drosophila melanogaster	not specified
Propane 74-98-6	negative	inhalation: gas		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	negative	intraperitoneal		rat	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
Isobutane 75-28-5	negative			Drosophila melanogaster	not specified
Isobutane 75-28-5	negative	inhalation: gas		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus 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)
Butane, n- (< 0.1 % butadiene) 106-97-8	NOAEL P 21,4 mg/l NOAEL F1 21,4 mg/l	screening	inhalation: gas	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Propane 74-98-6	NOAEL P 21,6 mg/l NOAEL F1 21,6 mg/l	screening	inhalation: gas	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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)
Isobutane 75-28-5	NOAEL P 21,4 mg/l NOAEL F1 21,4 mg/l	screening	inhalation: gas	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

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

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
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)
Butane, n- (< 0.1 % butadiene) 106-97-8		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Propane 74-98-6		inhalation: gas	28 d 6 h/d, 7 d/w	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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)
Isobutane 75-28-5		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

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 ² /s	40 °C	calculated	

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
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	27,98 mg/l	96 h		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

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
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	14,22 mg/l	48 h		not specified
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
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	7,71 mg/l	96 h		not specified
Isobutane 75-28-5	EC50	7,71 mg/l	96 h		not specified

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
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)
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)
Nonane 111-84-2	5,65		OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Isobutane 75-28-5	2,88	20 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Butane, n- (< 0.1 % butadiene) 106-97-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Propane 74-98-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Isobutane 75-28-5	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.

080409

SECTION 14: Transport information

14.1. UN number

ADR	1950
RID	1950
ADN	1950
IMDG	1950
IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
ADN	AEROSOLS
IMDG	AEROSOLS (Nonane)
IATA	Aerosols, flammable

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
ADN	2.1
IMDG	2.1
IATA	2.1

14.4. Packing group

ADR
RID
ADN
IMDG
IATA

14.5. Environmental hazards

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

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D)
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	72,9 %
(VOCV 814.018 VOC regulation CH)	
VOC content	74,5 %
(2010/75/EU)	

VOC Paints and Varnishes (EU):

Regulatory Basis:	Directive 2004/42/EC
Product (sub)category:	general metal primer
Phase I (from 1.1.2007):	540 g/l
max. VOC content:	514,7 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:

H220 Extremely flammable gas.
H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
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:

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 (ua-productsafety.de@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.

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.