



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

Page 1 of 18

TEROSON VR 140 AE

SDS No. : 76049
V007.2

Revision: 15.02.2023

printing date: 10.08.2025

Replaces version from: 14.04.2015

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

1.1. Product identifier

TEROSON VR 140 AE

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

Intended use:

Car polish

1.3. Details of the supplier of the safety data sheet

Henkel Ltd

Adhesives

Wood Lane End

HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

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

SDSinfo.Adhesive@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):

Aerosols

Category 1

H222 Extremely flammable aerosol.

H229 Pressurized container: May burst if heated.

Serious eye damage

Category 1

H318 Causes serious eye damage.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:**Contains**

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

Fatty alcohol ethoxylate C12-14 <2.5EO

Signal word:

Danger

Hazard statement:

H222 Extremely flammable aerosol.
 H229 Pressurized container: May burst if heated.
 H318 Causes serious eye damage.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement:

P102 Keep out of reach of children.

**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.
 P260 Do not breathe mist/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear eye protection/face protection.

**Precautionary statement:
Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331 Do NOT induce vomiting.
 P370+P378 In case of fire: Use CO₂, dry chemical, or foam for extinction.

**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.

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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9 01-2119457273-39	50- < 75 %	Asp. Tox. 1, H304		
Butane, n- (<0.1 % butadiene) 106-97-8 203-448-7 01-2119474691-32	10- < 25 %	Press. Gas H280 Flam. Gas 1A, H220		
Propane 74-98-6 200-827-9 01-2119486944-21	3- < 10 %	Flam. Gas 1A, H220 Press. Gas H280		
Amides, C12-18 and C18- unsatd., N,N-bis(hydroxyethyl) 90622-74-5 292-477-9 01-2119489409-22	1- < 2,5 %	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411		
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9 500-213-3 500-213-3 01-2119487984-16	0,3- < 1 %	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M acute = 1	

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.

Declaration of ingredients according to Detergent Regulation 648/2004/EC

> 30 % aliphatic hydrocarbons
< 5 % non-ionic surfactants

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

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

Eye contact:

Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remain (intensive smarting, sensitivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.

Ingestion:

not relevant.

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

Repeated exposure may cause skin dryness or cracking.

EYE: Irritation, conjunctivitis.

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:

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

Ground/bond container and receiving equipment.

Use explosion proof electric equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid open flames and sources of ignition.

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.

Store in a cool place.

Protect from direct sunlight and temperatures above 50°C. The storage regulations for aerosols apply.

7.3. Specific end use(s)

Car polish

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]	600	1.450	Time Weighted Average (TWA):		EH40 WEL
Butane 106-97-8 [Butane]	750	1.810	Short Term Exposure Limit (STEL):	15 minutes	EH40 WEL

Occupational Exposure LimitsValid for
Ireland

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

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	aqua (freshwater)		0,007 mg/l				
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	aqua (marine water)		0,0007 mg/l				
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	aqua (intermittent releases)		0,024 mg/l				
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	sewage treatment plant (STP)		830 mg/l				
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	sediment (freshwater)				0,161 mg/kg		
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	sediment (marine water)				0,0161 mg/kg		
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	Soil				0,28 mg/kg		
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	aqua (freshwater)		0,0437 mg/l				
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	aqua (marine water)		0,0437 mg/l				
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	aqua (intermittent releases)		0,004 mg/l				
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	sewage treatment plant (STP)		10000 mg/l				
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	sediment (freshwater)				31 mg/kg		
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	sediment (marine water)				31 mg/kg		
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	Soil				1 mg/kg		

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		300 mg/kg	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	oral	Long term exposure - systemic effects		300 mg/kg	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	dermal	Long term exposure - systemic effects		300 mg/kg	
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	General population	inhalation	Long term exposure - systemic effects		900 mg/m3	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	Workers	dermal	Long term exposure - systemic effects		4,16 mg/kg	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	Workers	Inhalation	Long term exposure - systemic effects		73,4 mg/m3	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	Workers	dermal	Long term exposure - local effects		0,09 mg/cm2	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	General population	dermal	Long term exposure - systemic effects		2,5 mg/kg	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	General population	Inhalation	Long term exposure - systemic effects		21,73 mg/m3	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	General population	oral	Long term exposure - systemic effects		6,25 mg/kg	
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	General population	dermal	Long term exposure - local effects		0,056 mg/cm2	
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	Workers	dermal	Long term exposure - systemic effects		2080 mg/kg	
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	Workers	inhalation	Long term exposure - systemic effects		294 mg/m3	
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	General population	dermal	Long term exposure - systemic effects		1250 mg/kg	
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	General population	inhalation	Long term exposure - systemic effects		87 mg/m3	
Alcohols, C12-14, ethoxylated, <2.5EO 68439-50-9	General population	oral	Long term exposure - systemic effects		25 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), 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

Physical state	liquid
Delivery form	aerosol
Colour	light yellow
Odor	of petrol
Melting point	Not applicable, Product is a liquid
Initial boiling point	-44 °C (-47.2 °F)
Flammability	Currently under determination
Explosive limits	
lower	0,70 %(V); No data available.
upper	10,9 %(V); No data available.
Flash point	-97 °C (-142.6 °F)
Auto-ignition temperature	Currently under determination
Decomposition temperature	Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use
pH	Currently under determination
Viscosity (kinematic)	Currently under determination
Solubility (qualitative)	Not miscible or difficult to mix
(20 °C (68 °F); Solvent: Water)	
Partition coefficient: n-octanol/water	Not applicable
Vapour pressure	Mixture
(20 °C (68 °F))	2100 mbar
Density	
(20 °C (68 °F))	0,708 g/cm ³ Supplier method
Relative vapour density:	Currently under determination
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

Heat, flames, sparks and other sources of ignition.
Temperatures over appr. 50 °C

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
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	LD50	> 6.000 mg/kg	rat	not specified
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	LD50	> 5.000 mg/kg	rat	EU Method B.1 (Acute Toxicity (Oral))
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	LD50	> 2.000 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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	LD50	> 2.000 mg/kg	rabbit	not specified
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	LD50	> 3.000 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)
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

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
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	irritating			Expert judgement

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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	not sensitising	Guinea pig maximisation 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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation 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	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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	negative	intraperitoneal		mouse	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 $\geq$ 20000 mg/m ³ NOAEL F1 $\geq$ 20000 mg/m ³	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)

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 6 h/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)
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	NOAEL > 750 mg/kg	oral: gavage	28 d daily once, 5 times/w	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	NOAEL $\geq$ 500 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-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	1,3 - 2,5 mm ² /s	20 °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.

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	OECD Guideline 203 (Fish, Acute Toxicity Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	27,98 mg/l	96 h		not specified
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	NOEC	0,32 mg/l	28 d	Oncorhynchus mykiss	OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	LC50	> 1 - 10 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346/1-3 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)])
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	LC50	0,876 mg/l	96 h	Danio rerio (reported as Brachydanio rerio)	EU Method C.1 (Acute Toxicity for Fish)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	NOEC	0,28 mg/l	30 d	Pimephales promelas	OECD Guideline 210 (fish early lite stage 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	EL50	> 1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	14,22 mg/l	48 h		not specified
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	EC50	0,39 mg/l	48 h	Daphnia magna	other guideline:

Chronic toxicity to aquatic invertebrates

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
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	NOEC	> 0,01 - 0,1 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	NOEC	0,77 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

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	OECD Guideline 201 (Alga, Growth Inhibition Test)
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene) 64742-48-9	NOELR	1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	7,71 mg/l	96 h		not specified
Fatty alcohol ethoxylate C12- 14 <2.5EO 68439-50-9	EC50	0,41 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Fatty alcohol ethoxylate C12- 14 <2.5EO 68439-50-9	NOEC	0,31 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

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
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	EC0	> 100 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)
Fatty alcohol ethoxylate C12- 14 <2.5EO 68439-50-9	EC10	> 10.000 mg/l	16,9 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm- 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, but failing 10-day window	aerobic	80 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Butane, n- (< 0.1 % butadiene) 106-97-8	readily biodegradable	aerobic	> 60 %	28 d	OECD 301 A - F
Propane 74-98-6	readily biodegradable	aerobic	> 60 %	28 d	OECD 301 A - F
Amides, C12-18 and C18- unsatd., N,N- bis(hydroxyethyl) 90622-74-5	readily biodegradable	aerobic	84 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Fatty alcohol ethoxylate C12- 14 <2.5EO 68439-50-9	readily biodegradable	aerobic	95 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	2,31	20 °C	other (measured)
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	4,2	25 °C	OECD Guideline 123 (Partition Coefficient (1-Octanol / Water), Slow-Stirring 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.
Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) 90622-74-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Fatty alcohol ethoxylate C12-14 <2.5EO 68439-50-9	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

ADR	1950
RID	1950
ADN	1950
IMDG	1950
IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
ADN	AEROSOLS
IMDG	AEROSOLS
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	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
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. 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	95,7 %
(VOCV 814.018 VOC regulation CH)	

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.

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.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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.