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

SDS No. : 642549
V002.0

LOCTITE PC 4400 1.1L

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

1.1. Product identifier

LOCTITE PC 4400 1.1L
UFI: FSWE-JX78-P20A-MQ7E

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

Intended use:
Coating

1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA
Henkelstr. 67
40589 Düsseldorf

Germany

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SDSinfo.Adhesive@henkel.com
For Safety Data Sheet updates please visit our website www.mysds.henkel.com or www.henkel-adhesives.com.

1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Flammable liquids	Category 3
H226 Flammable liquid and vapour.	
Acute toxicity	Category 4
H332 Harmful if inhaled. Route of Exposure: Inhalation	
Specific target organ toxicity - single exposure	Category 3
H336 May cause drowsiness or dizziness. Target organ: Central nervous system	
Specific target organ toxicity - single exposure	Category 3
H335 May cause respiratory irritation. Target organ: respiratory tract irritation	
Chronic hazards to the aquatic environment	Category 3
H412 Harmful to aquatic life with long lasting effects.	

2.2. Label elements

Label elements (CLP):

Hazard pictogram:	
Contains	Tert-butyl acetate
Signal word:	Warning
Hazard statement:	H226 Flammable liquid and vapour. H332 Harmful if inhaled. H335 May cause respiratory irritation. 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.
Precautionary statement: Storage	P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

None if used properly.

Following substances are present in a concentration ≥ 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 ≥ 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
Tert-butyl acetate 540-88-5 208-760-7 01-2119449809-22	50- < 60 %	Flam. Liq. 2, H225 Acute Tox. 4, Inhalation, H332 STOT SE 3, H335 STOT SE 3, H336	inhalation:	
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6 265-199-0 01-2119486773-24	2- < 5 %	Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Flam. Liq. 3, H226 Aquatic Chronic 2, H411		

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:
Rinse with running water and soap.
Obtain medical attention if irritation persists.

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
RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

Vapors may cause drowsiness and dizziness.

Prolonged or repeated contact may cause skin irritation.

Prolonged or repeated contact may cause eye irritation.

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:
Carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture
In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.

5.3. Advice for firefighters
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:
In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes.
Wear protective equipment.
Ensure adequate ventilation.
Keep away from sources of ignition.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Dispose of contaminated material as waste according to Section 13.
For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid skin and eye contact.
See advice in section 8
Do not inhale vapors and fumes.

Hygiene measures:
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including any incompatibilities
Ensure good ventilation/extraction.

Keep away from sources of ignition.
Keep container tightly sealed.
Refer to Technical Data Sheet.

7.3. Specific end use(s)
Coating

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m^3	Value type	Short term exposure limit category / Remarks	Regulatory list
tert-Butyl acetate 540-88-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
tert-Butyl acetate 540-88-5	20	96	Exposure limit(s):	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Tert-butyl acetate 540-88-5	aqua (freshwater)		0,016 mg/l				
Tert-butyl acetate 540-88-5	Soil				0,025 mg/kg		
Tert-butyl acetate 540-88-5	sewage treatment plant (STP)		0,15 mg/l				
Tert-butyl acetate 540-88-5	oral				26,7 mg/kg		
Tert-butyl acetate 540-88-5	Freshwater - intermittent		0,16 mg/l				
Tert-butyl acetate 540-88-5	aqua (marine water)		0,002 mg/l				
Tert-butyl acetate 540-88-5	sediment (freshwater)				0,172 mg/kg		
Tert-butyl acetate 540-88-5	sediment (marine water)				0,017 mg/kg		
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	aqua (freshwater)						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	aqua (marine water)						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	sewage treatment plant (STP)						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	sediment (freshwater)						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	sediment (marine water)						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Air						no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Soil						
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Predator						

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Tert-butyl acetate 540-88-5	Workers	Inhalation	Acute/short term exposure - systemic effects		714 mg/m3	
Tert-butyl acetate 540-88-5	Workers	dermal	Long term exposure - systemic effects		22,5 mg/kg	
Tert-butyl acetate 540-88-5	Workers	Inhalation	Long term exposure - systemic effects		159 mg/m3	
Tert-butyl acetate 540-88-5	General population	Inhalation	Acute/short term exposure - systemic effects		710 mg/m3	
Tert-butyl acetate 540-88-5	General population	dermal	Long term exposure - systemic effects		13,5 mg/kg	
Tert-butyl acetate 540-88-5	General population	Inhalation	Long term exposure - systemic effects		47,3 mg/m3	
Tert-butyl acetate 540-88-5	General population	oral	Long term exposure - systemic effects		13,5 mg/kg	
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Workers	inhalation	Long term exposure - systemic effects		1300 mg/m3	no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Workers	Inhalation	Long term exposure - local effects		840 mg/m3	no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	Workers	inhalation	Acute/short term exposure - local effects		1100 mg/m3	no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	General population	Inhalation	Long term exposure - systemic effects		1200 mg/m3	no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	General population	inhalation	Long term exposure - local effects		180 mg/m3	no hazard identified
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	General population	inhalation	Acute/short term exposure - local effects		640 mg/m3	no hazard identified

Biological Exposure Indices:
None

8.2. Exposure controls:

Engineering controls:
Ensure good ventilation/extraction.

Respiratory protection:

Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

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:
Protective eye equipment should conform to EN166.
Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Protective eye equipment should conform to EN166.

Skin protection:
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.
Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:
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.
The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.
Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Delivery form	liquid
Colour	Clear
Odor	Solvent
Physical state	liquid
Melting point	Currently under determination
Initial boiling point	Currently under determination
Flammability	Currently under determination
Explosive limits	Currently under determination
Flash point	35 °C (95 °F)
Auto-ignition temperature	Currently under determination
Decomposition temperature	Currently under determination
pH	Not applicable
pH	Product is non-polar/aprotic.
Viscosity (kinematic) (40 °C (104 °F);)	> 406 mm2/s ;.Supplier method
Solubility (qualitative)	Currently under determination
Partition coefficient: n-octanol/water	Currently under determination
Vapour pressure	Currently under determination
Density ()	0,985 g/cm3 no method / method unknown
Relative vapour density:	Currently under determination
Particle characteristics	Currently under determination

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity
Water
Reacts with alcohols and amines.
Reaction with some curing agents may produce an exothermic reaction which in large masses could cause runaway polymerization.
Reacts with oxidants, acids and lyes

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
Stable under normal conditions of storage and use.

10.5. Incompatible materials
See section reactivity.

10.6. Hazardous decomposition products
carbon oxides.
Hydrocarbons
nitrogen oxides
Rapid polymerisation may generate excessive heat and pressure.
Hydrogen cyanide.
Isocyanate vapors

SECTION 11: Toxicological information

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.
Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Tert-butyl acetate 540-88-5	LD50	4.500 mg/kg	rat	EPA OTS 798.1175 (Acute Oral Toxicity)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	LD50	> 5.000 mg/kg	rat	equivalent or similar to 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.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Tert-butyl acetate 540-88-5	LD50	> 2.000 mg/kg	rabbit	EPA OTS 798.1100 (Acute Dermal Toxicity)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	LD50	> 2.000 mg/kg	rabbit	equivalent or similar to 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
Tert-butyl acetate 540-88-5	LC50	4211 ppm	vapour	6 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Tert-butyl acetate 540-88-5	Acute toxicity estimate (ATE)	6316 ppm	vapour	4 h		Expert judgement
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	LC50	> 5,610 mg/l	vapour	4 h	rat	equivalent or similar to 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.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	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.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	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.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	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.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	negative	sister chromatid exchange assay in mammalian cells	with and without		OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	negative	inhalation		rat	EPA OPPTS 870.5395 (In Vivo Mammalian Cytogenics Tests: Erythrocyte Micronucleus Assay)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

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

Hazardous substances CAS-No.	Assessment	Route of exposure	Target Organs	Remarks
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	May cause drowsiness or dizziness.			

STOT-repeated exposure:

No data available.

Aspiration hazard:

The mixture is classified based on Viscosity data.

Based on available data, the classification criteria are not met.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	< 1 mm2/s	40 °C	not specified	

11.2 Information on other hazards

not applicable

SECTION 12: Ecological information

General ecological information:
Do not empty into drains / surface water / ground water.

12.1. Toxicity

Toxicity (Fish):

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

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

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Tert-butyl acetate 540-88-5	LC50	240 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	LL50	8,2 mg/l	96 h	Pimephales promelas	EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians)

Toxicity (aquatic invertebrates):

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

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

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Tert-butyl acetate 540-88-5	EC50	350 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	EL50	4,5 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity (aquatic invertebrates):

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

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	NOELR	2,6 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.

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

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Tert-butyl acetate 540-88-5	EC50	16 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Tert-butyl acetate 540-88-5	NOEC	2,3 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	EL50	3,1 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	NOELR	0,5 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity (microorganisms):

No data available.

12.2. Persistence and degradability

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

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Tert-butyl acetate 540-88-5	not readily biodegradable.	aerobic	50 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	readily biodegradable	aerobic	77 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

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

Hazardous substances **CAS-No.**	**LogPow**	**Temperature**	**Method**
Tert-butyl acetate 540-88-5	1,64	21,7 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	2,13 - 4,58		QSAR (Quantitative Structure Activity Relationship)

12.5. Results of PBT and vPvB assessment

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

Hazardous substances **CAS-No.**	**PBT / vPvB**
Tert-butyl acetate 540-88-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Solvent naphtha (petroleum) C8-10 <0,1% benzene 64742-95-6	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:
Do not empty into drains / surface water / ground water.
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:
After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances
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.

SECTION 14: Transport information

14.1. UN number or ID number

ADR	1263
RID	1263
ADN	1263
IMDG	1263
IATA	1263

14.2. UN proper shipping name

ADR	PAINT
RID	PAINT
ADN	PAINT
IMDG	PAINT
IATA	Paint

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	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (E)
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 2024/590):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Not applicable

VOC content (2010/75/EC)	65 %

National regulations/information (Germany):

WGK:	WGK 3: highly hazardous to water (Ordinance on facilities for handling substances that are hazardous to water (AwSV)) Classification according to AwSV, Annex 1 (5.2)
Storage class according to TRGS 510:	3

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:

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic 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:

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