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

1.1. Product identifier

TESCON SPRIMER

UFI: Q12E-K1PM-ECAT-D3AP

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

Use of the substance/mixture

sprayable primer

Uses advised against

all uses which are not mentioned above

1.3. Details of the supplier of the safety data sheet

Company name:	MOLL bauökologische Produkte GmbH proclima
Street:	Rheintalstraße 35 - 43
Place:	D-68723 Schwetzingen
Telephone:	+49 (0) 6202 2782-0
E-mail:	info@proclima.de
E-mail (Contact person):	info@proclima.de
Internet:	http://www.proclima.de
Responsible Department:	info@proclima.de

1.4. Emergency telephone number:

Emergency medical information in case of poisoning: Poison Information Centre
+49 551 19240 (24-hour advice in German or English)

Further Information

No further relevant information available.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229
Asp. Tox. 1; H304
Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT SE 3; H336
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

methyl acetate
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Signal word: Danger

Pictograms:

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

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.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

Special labelling of certain mixtures

EUH018	In use may form flammable/explosive vapour-air mixture.
EUH066	Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Endocrine disrupting properties: 2,6-di-tert-butyl-p-cresol.
2,6-di-tert-butyl-p-kresol: The substance is listed. (Liste II)

This product contains a substance that has endocrine disrupting properties with respect to non-target organisms.

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

insufficient ventilation: Vapours can form explosive mixtures with air.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
79-20-9	methyl acetate			30 - < 35 %
	201-185-2	607-021-00-X	01-2119459211-47	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			5 - < 10 %
	927-510-4		01-2119475515-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane			2.5 - < 5 %
	926-605-8		01-2119486291-36	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			2.5 - < 5 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
141-78-6	ethyl acetate			2.5 - < 5 %
	205-500-4	607-022-00-5	01-2119475103-46	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
64742-49-0	Hydrocarbons, C6, isoalkanes, <5% n-hexane			1 - < 2.5 %
	931-254-9		01-2119484651-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
128-37-0	2,6-di-tert-butyl-p-cresol			0.1 - < 0.3 %
	204-881-4		01-2119565113-46	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
110-82-7	cyclohexane			0.1 - < 0.3 %
	203-806-2	601-017-00-1	01-2119463273-41	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H225 H315 H336 H304 H400 H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
79-20-9	201-185-2	methyl acetate	30 - < 35 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 6482 mg/kg		
	927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	5 - < 10 %
	inhalation: LC50 = > 23,3 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg		
	926-605-8	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	2.5 - < 5 %
	inhalation: LC50 = 73860 mg/l (vapours)		
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	2.5 - < 5 %
	inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg		
141-78-6	205-500-4	ethyl acetate	2.5 - < 5 %
	dermal: LD50 = > 20000 mg/kg; oral: LD50 = 4934 mg/kg		
64742-49-0	931-254-9	Hydrocarbons, C6, isoalkanes, <5% n-hexane	1 - < 2.5 %
	inhalation: LC50 = > 23,3 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg		
128-37-0	204-881-4	2,6-di-tert-butyl-p-cresol	0.1 - < 0.3 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 6000 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1		
110-82-7	203-806-2	cyclohexane	0.1 - < 0.3 %
	inhalation: LC50 = > 5540 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg		

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Remove contaminated, saturated clothing immediately.
Remove casualty to fresh air and keep warm and at rest.

After inhalation

Remove person to fresh air and keep comfortable for breathing.
In case of respiratory tract irritation, consult a physician.
If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps.
Call a doctor if you feel unwell.
Do NOT induce vomiting.
Observe risk of aspiration if vomiting occurs.

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

No information available.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder, alcohol resistant foam, Carbon dioxide (CO2)
In case of major fire and large quantities: alcohol resistant foam

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Heating causes rise in pressure with risk of bursting.
In case of fire may be liberated: Gases/vapours, toxic

5.3. Advice for firefighters

Special protective equipment for firefighters
In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.
Wear personal protection equipment (refer to section 8).
Do not breathe mist/vapours/spray. Use appropriate respiratory protection.
Keep away from sources of ignition - No smoking.
Provide adequate ventilation.

For non-emergency personnel

Remove persons to safety. Keep away from unprotected people.

For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Handling larger quantities: In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically, placing in appropriate containers for disposal.

For cleaning up

Water (with cleaning agent)

Other information

Provide adequate ventilation.
Do not pierce or burn, even after use.
Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).
Remove contaminated, saturated clothing immediately.
Avoid contact with eyes and skin.
Provide adequate ventilation.
In case of inadequate ventilation wear respiratory protection.
Avoid release to the environment.
Do not spray on naked flames or any incandescent material.

Advice on protection against fire and explosion

Do not spray on an open flame or other ignition source.
Keep away from sources of ignition - No smoking.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Advice on general occupational hygiene

Work in well-ventilated zones or use proper respiratory protection.
Wash hands and face before breaks and after work and take a shower if necessary.
When using do not eat, drink, smoke, sniff.
Only wear fitting, comfortable and clean protective clothing.
Take off contaminated clothing and wash it before reuse.
Make available sufficient washing facilities

Further information on handling

After use replace the closing cap immediately.
Observe instructions for use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

To follow: Betriebssicherheitsverordnung (BetrSichV)
Keep container tightly closed in a cool, well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Pressurised container: May burst if heated.
Keep out of reach of children.
Keep locked up and out of reach of children.

Hints on joint storage

Keep away from:
Food and feedingstuffs

Further information on storage conditions

Keep away from:
Frost
Heat
Humidity
Store small packages in a suitable, robust cabinet. Only allow access to authorised staff.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
110-82-7	Cyclohexane	100	350		TWA (8 h)	WEL
		300	1050		STEL (15 min)	WEL
141-78-6	Ethyl acetate	200	734		TWA (8 h)	WEL
		400	1468		STEL (15 min)	WEL
79-20-9	Methyl acetate	200	616		TWA (8 h)	WEL
		250	770		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
79-20-9	methyl acetate			
Worker DNEL, long-term		inhalation	systemic	610 mg/m³
Worker DNEL, long-term		inhalation	local	305 mg/m³
Worker DNEL, long-term		dermal	systemic	88 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	131 mg/m³
Consumer DNEL, long-term		inhalation	local	152 mg/m³
Consumer DNEL, long-term		dermal	systemic	44 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	44 mg/kg bw/day
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
Consumer DNEL, long-term		oral	systemic	149 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2085 mg/m³
Worker DNEL, long-term		dermal	systemic	300 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	447 mg/m³
Consumer DNEL, long-term		dermal	systemic	149 mg/kg bw/day
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane			
Worker DNEL, long-term		inhalation	systemic	5306 mg/m³
Worker DNEL, long-term		dermal	systemic	13964 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1131 mg/m³
Consumer DNEL, long-term		dermal	systemic	1377 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1301 mg/kg bw/day
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Worker DNEL, long-term		inhalation	systemic	2035 mg/m³
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m³
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
141-78-6	ethyl acetate			
Worker DNEL, long-term		inhalation	systemic	734 mg/m³
Worker DNEL, acute		inhalation	systemic	1468 mg/m³
Worker DNEL, long-term		inhalation	local	734 mg/m³
Worker DNEL, acute		inhalation	local	1468 mg/m³
Worker DNEL, long-term		dermal	systemic	63 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	367 mg/m³
Consumer DNEL, acute		inhalation	systemic	734 mg/m³
Consumer DNEL, long-term		inhalation	local	367 mg/m³
Consumer DNEL, acute		inhalation	local	734 mg/m³
Consumer DNEL, long-term		dermal	systemic	37 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	4,5 mg/kg bw/day

64742-49-0	Hydrocarbons, C6, isoalkanes, <5% n-hexane		
Consumer DNEL, long-term	inhalation	systemic	447 mg/m³
Consumer DNEL, long-term	dermal	systemic	149 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	149 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2085 mg/m³
Worker DNEL, long-term	dermal	systemic	300 mg/kg bw/day
128-37-0	2,6-di-tert-butyl-p-cresol		
Consumer DNEL, long-term	oral	systemic	0,25 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	1,76 mg/m³
Worker DNEL, long-term	dermal	systemic	0,5 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,435 mg/m³
Consumer DNEL, long-term	dermal	systemic	0,25 mg/kg bw/day
,			
110-82-7	cyclohexane		
Worker DNEL, long-term	inhalation	systemic	700 mg/m³
Worker DNEL, acute	inhalation	systemic	1400 mg/m³
Worker DNEL, long-term	inhalation	local	700 mg/m³
Worker DNEL, acute	inhalation	local	1400 mg/m³
Worker DNEL, long-term	dermal	systemic	2016 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	206 mg/m³
Consumer DNEL, long-term	dermal	systemic	1186 mg/kg bw/day
Consumer DNEL, long-term	inhalation	local	206 mg/m³
Consumer DNEL, acute	inhalation	local	412 mg/m³
Consumer DNEL, acute	inhalation	systemic	412 mg/m³
Consumer DNEL, long-term	oral	systemic	59,4 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment		Value
79-20-9	methyl acetate	
Freshwater		0,12 mg/l
Freshwater (intermittent releases)		1,2 mg/l
Marine water		0,012 mg/l
Freshwater sediment		0,128 mg/kg
Marine sediment		0,013 mg/kg
Secondary poisoning		20,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		600 mg/l
Soil		0,042 mg/kg
141-78-6	ethyl acetate	
Freshwater		0,24 mg/l
Freshwater (intermittent releases)		1,65 mg/l
Marine water		0,024 mg/l
Freshwater sediment		1,15 mg/kg
Marine sediment		0,115 mg/kg
Secondary poisoning		200 mg/kg
Micro-organisms in sewage treatment plants (STP)		650 mg/l
Soil		0,148 mg/kg
128-37-0	2,6-di-tert-butyl-p-cresol	
Freshwater		0,000199 mg/l
Freshwater (intermittent releases)		0,00199 mg/l
Marine water		0,00002 mg/l
Freshwater sediment		0,458 mg/kg
Marine sediment		0,046 mg/kg
Secondary poisoning		16,67 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,017 mg/l
Soil		0,054 mg/kg
110-82-7	cyclohexane	
Freshwater		0,0447 mg/l
Freshwater (intermittent releases)		0,009 mg/l
Marine water		0,00447 mg/l
Freshwater sediment		3,6 mg/kg
Marine sediment		0,36 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,24 mg/l
Soil		0,694 mg/kg

Additional advice on limit values

Cas 64742-49-0: DFG: MAK- und BAT-Werte-Liste 2023
Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe (Mitteilung 57)
vgl. Abschnitt Xb

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.
Work in well-ventilated zones or use proper respiratory protection.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: EN 166
Tightly sealed safety glasses. goggles

Hand protection

Tested protective gloves must be worn: EN ISO 374 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Suitable material: NBR (Nitrile rubber)
Thickness of the glove material >= 0,4 mm NBR (Nitrile rubber)
Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing (Flame-retardant protective clothing, antistatic) EN 14605

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Respiratory protection necessary at: exceeding exposure limit values, aerosol or mist formation
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Combination filtering device ABEK-P2 (EN 14387)

Thermal hazards

Extremely flammable aerosol. Pressurized container: May burst if heated.

Environmental exposure controls

Keep container tightly closed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosols
Colour:	colourless
Odour:	characteristic
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower explosion limits:	0,6* vol. %
Upper explosion limits:	16** vol. %
Flash point:	-60 °C
Auto-ignition temperature:	365 °C
Decomposition temperature:	No data available
pH-Value:	No data available
Viscosity / kinematic:	No data available
Water solubility:	Immiscible

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:	No data available

Vapour pressure: (at 20 °C)	3900 hPa
Vapour pressure: (at 50 °C)	6800 hPa
Density (at 20 °C):	0,71 g/cm³
Relative vapour density:	No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not explosive according to EU A.14

In use, may form flammable/explosive vapour-air mixture.

Sustaining combustion:	No data available
Self-ignition temperature	
Solid:	No data available
Gas:	No data available

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:	No data available
Solvent content:	78,1%
Viscosity / dynamic:	No data available

Further Information

VOC: 78,1%

Extremely flammable aerosol. Pressurized container: May burst if heated.

*Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

** methyl acetate

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Closed containers may burst when pressure and temperature rise

10.4. Conditions to avoid

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

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Do not spray on an open flame or other ignition source.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Further information

No further relevant information available.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
79-20-9	methyl acetate				
	oral	LD50 6482 mg/kg	Rat	Publication (1962)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1988)	EU Method B.3
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics				
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane				
	inhalation (4 h) vapour	LC50 73860 mg/l	Rat	Industrial Medicine, Vol. 39, No. 5, May	OECD Guideline 403
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 25,2 mg/l	Rat	Study report (1988)	Group of rats were exposed to test subst
141-78-6	ethyl acetate				
	oral	LD50 4934 mg/kg	Rabbit	Ind. Med. Vol. 41, No.4, 31 - 33 (1972)	OECD Guideline 401
	dermal	LD50 > 20000 mg/kg	Rabbit	Am Ind Hyg Ass J, 23, 95 (1962)	Similar to one day cuff method of Draize
64742-49-0	Hydrocarbons, C6, isoalkanes, <5% n-hexane				
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403
128-37-0	2,6-di-tert-butyl-p-cresol				
	oral	LD50 > 6000 mg/kg	Rat	Study report (1989)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1988)	OECD Guideline 402
110-82-7	cyclohexane				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1982)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 5540 mg/l	Rat	Study report (1981)	OECD Guideline 403

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Repeated exposure may cause skin dryness or cracking.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (methyl acetate)

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Endocrine disrupting properties

Endocrine disrupting properties: 2,6-di-tert-butyl-p-cresol.
2,6-di-tert-butyl-p-kresol: The substance is listed. (II)

Further information

No further relevant information available.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
79-20-9	methyl acetate						
	Acute algae toxicity	ErC50 mg/l	> 120	72 h	Desmodesmus subspicatus	Study report (1994)	EU Method C.3
	Acute crustacea toxicity	EC50 mg/l	1026,7	48 h	Daphnia magna	Study report (1994)	OECD Guideline 202
	Acute bacteria toxicity	EC50 mg/l ( )	6100	0,5 h	Photobacterium phosphoreum	Bayr. Landesamt für Wasserwirtschaft (19	Method: other: Mikrotoxtest
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics						
	Acute fish toxicity	LL50 mg/l	> 13,4	96 h	Oncorhynchus mykiss	Study report (2004)	OECD Guideline 203
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC mg/l	1,534	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane						
	Acute algae toxicity	ErC50 mg/l	7,276	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute crustacea toxicity	EC50 mg/l	17,06	48 h	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Fish toxicity	NOEC mg/l	2,187	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	3,818	21 d	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane						
	Acute algae toxicity	ErC50 mg/l	10 - 30	72 h	Pseudokirchneriella subcapitata	Study report (1995)	OECD Guideline 201
	Fish toxicity	NOEC mg/l	2,045	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
141-78-6	ethyl acetate						
	Acute fish toxicity	LC50	230 mg/l	96 h	Pimephales promelas	Publication (1984)	other: US EPA method E03-05
	Fish toxicity	NOEC mg/l	< 9,65	32 d	Pimephales promelas	http://www.epa.gov/ecotox (1992)	OECD Guideline 210

	Algae toxicity	NOEC mg/l	>100	3 d	Desmodesmus subspicatus		OECD 201
	Crustacea toxicity	NOEC	2,4 mg/l	21 d	Daphnia magna	Water Research 23: 501-510. (1989)	other: see principles of method below
64742-49-0	Hydrocarbons, C6, isoalkanes, <5% n-hexane						
	Acute fish toxicity	LL50 mg/l	> 13,4	96 h	Oncorhynchus mykiss	Study report (2004)	OECD Guideline 203
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC mg/l	1,534	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
128-37-0	2,6-di-tert-butyl-p-cresol						
	Acute fish toxicity	LC50 mg/l	0,199	96 h	Oryzias latipes	REACh Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	0,758	96 h	Raphidocelis subcapitata	REACh Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50	0,48 mg/l	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC mg/l	0,053	30 d	Oryzias latipes	REACh Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC mg/l	0,069	21 d	Daphnia magna	REACh Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	EC50 mg/l ( )	> 10000	3 h	Activated sludge	Study report (2000)	OECD Guideline 209
110-82-7	cyclohexane						
	Acute fish toxicity	LC50	4,53 mg/l	96 h	Pimephales promelas	Vol. 5, Centre for Lake Superior Studies	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	9,317	72 h	Pseudokirchneriella subcapitata	Study report (1998)	OECD Guideline 201
	Acute crustacea toxicity	EC50	0,9 mg/l	48 h	Daphnia magna	Publication (1987)	OECD Guideline 202

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No further relevant information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
79-20-9	methyl acetate	0,18
	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	3,6
141-78-6	ethyl acetate	0,68
128-37-0	2,6-di-tert-butyl-p-cresol	5,03
110-82-7	cyclohexane	3,44

BCF

CAS No	Chemical name	BCF	Species	Source
141-78-6	ethyl acetate	30	Leuciscus idus melanotus	Chemosphere 14, 1589
128-37-0	2,6-di-tert-butyl-p-cresol	465	fish	REACh Registration D
110-82-7	cyclohexane	167	Pimephales promelas	J. Fish. Board Can.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

obviously hazardous to water (water hazard class: 2)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Dispose of waste according to applicable legislation.
Hazardous waste according to Directive 2008/98/EC (waste framework directive). (AVV 160504*, 080409*)

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. (AVV 160504, 150110, 150104)
Dispose of waste according to applicable legislation.

Completely emptied packages can be recycled. (AVV 150104)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es):	2
14.4. Packing group:	-
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0
Transport category:	2
Tunnel restriction code:	D

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
14.3. Transport hazard class(es):	2
14.4. Packing group:	-
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0

Marine transport (IMDG)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1
Special Provisions:	63, 190, 277, 327, 344, 381,959
Limited quantity:	1000 mL
Excepted quantity:	E0
EmS:	F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS, flammable
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1
Special Provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 29, Entry 40, Entry 57, Entry 75

Directive 2010/75/EU on industrial emissions:	78,1%
Directive 2004/42/EC on VOC in paints and varnishes:	78,1%
Information according to Directive 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS

Additional information

Classification according to Regulation (EC) No 1272/2008 [CLP]
Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Aerosol Directive (75/324/)
DECISIONS COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCILof 30 May 2018amending Directive 2008/98/EC on waste

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	2 - obviously hazardous to water

Additional information

Germany:
TRGS 201, TRGS 220, TRGS 400 ff, TRGS 500, TRGS 510, TRGS 555, TRGS 600, TRGS 720ff., TRGS 745/TRBS 3145, TRGS 900, TRGS TRGS 903
Ordinance on systems for handling water-polluting substances (AwSV)
Hazardous Substances Ordinance (GefStoffV)
Dangerous Goods Officer Ordinance (GbV)
Dangerous Goods Ordinance for Road, Rail and Inland Navigation (GGVSEB)

BG Merkblatt: BGI 621 Solvents

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
methyl acetate
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
ethyl acetate
Hydrocarbons, C6, isoalkanes, <5% n-hexane
2,6-di-tert-butyl-p-cresol
cyclohexane

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,3,8,9,15.

Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International
Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Gas: Flammable gases
Aerosol: Aerosols
Press. Gas (Comp.): Compressed gas
Flam. Liq: Flammable liquids
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Bridging principle "Aerosols"
Eye Irrit. 2; H319	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH018	In use may form flammable/explosive vapour-air mixture.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our

present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)