

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830

170  
Version 5.0

Ortec - contact adhesive  
Revision date 21-Jan-2021

Print date 21-Jan-2021

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

**1.1 Product identifier**

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

**Relevant identified uses**

Adhesives, sealants

**1.3 Details of the supplier of the safety data sheet**

**Supplier**

Renia Gesellschaft mbH  
Ostmerheimer Straße 516 Telephone: +492216307990  
51109 Köln E-mail: info@renia.com  
Deutschland Website: www.renia.com

**Department responsible for information**

E-mail (competent person) labor@renia.com

**1.4 Emergency telephone number**

Emergency telephone number Grimme: +49-221-630799-17  
Only available during office hours.

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

- \* Flam. Liq. 2; flammable liquids; H225 Highly flammable liquid and vapour.
- \* Eye Irrit. 2; Serious eye damage/eye irritation; H319 Causes serious eye irritation.
- \* STOT SE 3 Narcotic effects; STOT-single exposure; H336 May cause drowsiness or dizziness.
- \* Skin Irrit. 2; Skin corrosion/irritation; H315 Causes skin irritation.
- \* Aquatic Chronic 2; Hazardous to the aquatic environment; H411 Toxic to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



**Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H315 Causes skin irritation.  
H411 Toxic 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.  
P261 Avoid breathing vapours.  
P273 Avoid release to the environment.  
\* P280 Wear protective gloves and eye/face protection.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P370 + P378 In case of fire: Use extinguishing powder or sand to extinguish.  
P391 Collect spillage.  
P403 + P235 Store in a well-ventilated place. Keep cool.

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**Hazard components for labelling**

Ethyl acetate

**Supplemental hazard information**

EUH208 Contains rosin colophony. May produce an allergic reaction.

**2.3 Other hazards**

No information available.

**SECTION 3: Composition / information on ingredients**

**3.2 Mixtures**

**Description**

polychloroprene adhesive with modified synthetic resins and stabilizers in a mixture of organic solvents.

**Hazardous ingredients**

CAS No. EC No. INDEX No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	weight-%
141-78-6 205-500-4 607-022-00-5	<b>Ethyl acetate</b> 01-2119475103-46 Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336 / EUH066	30,0 < 35,0
- 921-024-6 649-328-00-1	<b>Hydrocarbons, C6-C7, isoalkanes, cyclics, &lt;5% n-hexane</b> 01-2119475514-35 Flam. Liq. 2 H225 / Asp. Tox. 1 H304 / Skin Irrit. 2 H315 / STOT SE 3 H336 / Aquatic Chronic 2 H411 / EUH066	22,0 < 25,0
110-82-7 203-806-2 601-017-00-1	<b>cyclohexane</b> 01-2119463273-41-0000 Flam. Liq. 2 H225 / Asp. Tox. 1 H304 / Skin Irrit. 2 H315 / STOT SE 3 H336 / Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	22,0 < 25,0
8050-09-7 232-475-7 650-015-00-7	<b>rosin colophony</b> 01-2119480418-32 Skin Sens. 1 H317	0,7 < 1,0
128-37-0 204-881-4 -	<b>2,6-di-tert-butyl-p-cresol</b> 01-2119555270-46 Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	0,1 < 0,4

**Remark**

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

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

Remove affected person from the danger area and lay down.

**Following inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

**Following skin contact**

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

**After eye contact**

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.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

**Self-protection of the first aider**

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First aider: Pay attention to self-protection!

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

**Symptoms**

Allergic reactions.

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

Treat symptomatically. Transport affected person in lying position, in case of shortness of breath in half-sitting position. Where appropriate artificial ventilation.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>), alcohol resistant foam, Extinguishing powder, ABC-powder, spray mist, (water), Dry sand.

**Unsuitable extinguishing media**

Full water jet. Strong water jet.

**5.2 Special hazards arising from the substance or mixture**

Flammable. Vapours can form explosive mixtures with air. In case of fire may be liberated: Hydrogen chloride (HCl). Burning produces heavy smoke.

**5.3 Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Hazardous combustion products.

**5.4 Additional information**

Suppress gases/vapours/mists with water spray jet. Use water spray jet to protect personnel and to cool endangered containers. Remove product from area of fire. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes and skin. Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains. Cover drains.

**6.3 Methods and material for containment and cleaning up**

\* Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4 Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Advices on safe handling**

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Before starting work, apply solvent-resistant skincare preparations.

**Further information**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapours/aerosols must be exhausted directly at the point of origin. Take precautionary measures against static discharge.

**7.2 Conditions for safe storage, including any incompatibilities**

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**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Store in a well-ventilated and dry room at temperatures between 10 °C and 30 °C. Ensure adequate ventilation of the storage area.

**Hints on joint storage**

Do not store together with: Oxidizing agent, Pyrophoric or self-heating substances. Store packaging and ignitable materials separately. Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Floors should be impervious, resistant to liquids and easy to clean. Store small packages in a suitable, robust cabinet.

**7.3 Specific end use(s)**

Adhesives, sealants, Roller application or brushing of adhesive and other coating.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limit values**

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
128-37-0	2,6-di-tert-butyl-p-cresol	WEL	10 / - ( - ) mg/m <sup>3</sup>
141-78-6	Ethyl acetate	WEL	734 / 1.468 ( - ) mg/m <sup>3</sup>
110-82-7	cyclohexane	WEL	350 / 1.050 ( - ) mg/m <sup>3</sup>
8050-09-7	rosin colophony	WEL	0,05 / 0,15 ( - ) mg/m <sup>3</sup>

**Additional information**

Long-term: long-term occupational exposure limit value  
short-term: short-term occupational exposure limit value

**Biological limit values**

No data available

**DNEL worker**

CAS No.	Substance name	DNEL type	DNEL value
128-37-0	2,6-di-tert-butyl-p-cresol	DNEL long-term inhalative (systemic)	5,8 mg/m <sup>3</sup>
128-37-0	2,6-di-tert-butyl-p-cresol	DNEL long-term dermal (systemic)	8,3 mg/kg bw/day
141-78-6	Ethyl acetate	DNEL long-term inhalative (systemic)	1,468 mg/l
141-78-6	Ethyl acetate	DNEL acute inhalative (local)	1,468 mg/l
141-78-6	Ethyl acetate	DNEL long-term dermal (systemic)	63 mg/kg
-	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	DNEL long-term dermal (systemic)	773 mg/kg
-	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	DNEL long-term inhalative (systemic)	2.035 mg/m <sup>3</sup>
110-82-7	cyclohexane	DNEL long-term dermal (systemic)	2.016 mg/kg
110-82-7	cyclohexane	DNEL long-term inhalative (systemic)	0,7 mg/l
8050-09-7	rosin colophony	DNEL long-term inhalative (systemic)	117 mg/m <sup>3</sup>
8050-09-7	rosin colophony	DNEL long-term dermal (systemic)	17 mg/kg bw/day

**DNEL Consumer**

CAS No.	Substance name	DNEL type	DNEL value
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128-37-0	2,6-di-tert-butyl-p-cresol	DNEL long-term inhalative (systemic)	1,74 mg/m <sup>3</sup>
128-37-0	2,6-di-tert-butyl-p-cresol	DNEL long-term dermal (systemic)	5 mg/kg bw/day
141-78-6	Ethyl acetate	DNEL acute inhalative (systemic)	0,734 mg/l
141-78-6	Ethyl acetate	DNEL long-term inhalative (local)	0,734 mg/l
141-78-6	Ethyl acetate	DNEL long-term dermal (systemic)	37 mg/kg
141-78-6	Ethyl acetate	DNEL long-term inhalative (systemic)	0,037 mg/l
141-78-6	Ethyl acetate	DNEL long-term oral (repeated)	4,5 mg/kg
141-78-6	Ethyl acetate	DNEL acute inhalative (local)	0,367 mg/l
-	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	DNEL long-term dermal (systemic)	699 mg/kg
-	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	DNEL long-term inhalative (systemic)	608 mg/m <sup>3</sup>
-	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	DNEL long-term oral (repeated)	699 mg/kg
110-82-7	cyclohexane	DNEL long-term oral (repeated)	59,4 mg/kg
110-82-7	cyclohexane	DNEL long-term dermal (systemic)	699 mg/kg
110-82-7	cyclohexane	DNEL long-term inhalative (systemic)	0,7 mg/l
8050-09-7	rosin colophony	DNEL long-term inhalative (systemic)	35 mg/m <sup>3</sup>
8050-09-7	rosin colophony	DNEL long-term dermal (systemic)	10 mg/kg bw/day
8050-09-7	rosin colophony	DNEL long-term oral (repeated)	10 mg/kg bw/day

**PNEC**

CAS No.	Substance name	PNEC type	PNEC Value
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC soil, freshwater	1,04 mg/kg dw
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC sewage treatment plant (STP)	100 mg/l
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC sediment, freshwater	1,29 mg/kg dw
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC Secondary Poisoning	16,7 mg/kg
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC aquatic, marine water	0,4 µg/l
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC aquatic, freshwater	4 µg/l
128-37-0	2,6-di-tert-butyl-p-cresol	PNEC aquatic, intermittent release	4 µg/l
141-78-6	Ethyl acetate	PNEC aquatic, freshwater	0,26 mg/l
141-78-6	Ethyl acetate	PNEC aquatic, marine water	0,026 mg/l
141-78-6	Ethyl acetate	PNEC sediment, freshwater	0,34 mg/kg
141-78-6	Ethyl acetate	PNEC sediment, marine water	0,034 mg/kg
141-78-6	Ethyl acetate	PNEC soil, freshwater	0,22 mg/kg



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Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	200 °C
Decomposition temperature	not determined
Viscosity	1.200 mPas
Explosive properties	not relevant
Oxidising properties	not relevant

## 9.2 Other information

not applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

### 10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

### 10.3 Possibility of hazardous reactions

Gases / vapours, highly flammable. Vapours can form explosive mixtures with air.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Decomposition temperature (°C): not determined

### 10.5 Incompatible materials

Acid, concentrated, Oxidising agent, strong.

### 10.6 Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

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

#### **2,6-di-tert-butyl-p-cresol**

LD50: oral (Rat): > 5.000 mg/kg; (OECD 401)

LD50: dermal (Rat): > 5.000 mg/kg; (OECD 402)

#### **Ethyl acetate**

LD50: oral (Rat): > 5.620 mg/kg

LD50: dermal (Rabbit): > 18.000 mg/kg

LC50: inhalative (Rat): = 56 mg/l (4 h)

#### **Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane**

LD50: (Rat): > 5.000 mg/kg; (OECD 401)

LC50: (Rat): > 20 mg/l (4 h); (OECD 403)

LD50: dermal (Rabbit): > 2.000 mg/kg; (OECD 402)

#### **cyclohexane**

LD50: (Rat): > 5.000 mg/kg

LC50: inhalative (Rat): > 32,88 mg/l (4 h); (OECD 403)

LD50: dermal (Rabbit): > 2.000 mg/kg; (OECD 402)

#### **rosin colophony**

LD50: (Rat): > 2.000 Mg/kg KG

LD50: dermal (Rabbit): > 2.000 Mg/kg KG

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**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

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

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

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

**STOT-single exposure**

May cause drowsiness or dizziness.

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Toxic to aquatic life with long lasting effects.

***Acute (short-term) fish toxicity***

**2,6-di-tert-butyl-p-cresol**

LC0: (Brachydanio rerio (zebra-fish)): > 0,57 mg/l (96 h)

**Ethyl acetate**

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 230 mg/l (96 h)

**Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane**

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 11,4 mg/l (96 h)

**cyclohexane**

LC50: (Pimephales promelas (fathead minnow)): = 4,53 mg/l (96 h)

**rosin colophony**

LC50: (Pimephales promelas (fathead minnow)): = 1,7 mg/l (96 h)

Method: OECD 203

***Acute (short-term) toxicity to aquatic algae and cyanobacteria***

**2,6-di-tert-butyl-p-cresol**

IC50: (Scenedesmus subspicatus): > 0,4 mg/l (72 h)

**Ethyl acetate**

LC50: (Desmodesmus subspicatus): = 5.600 mg/l (48 h)

**Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane**

EL50: (Pseudokirchneriella subcapitata): = 30 < x > 100 mg/l (72 h)

**cyclohexane**

ErC50: (Desmodesmus subspicatus): > 4,425 mg/l (96 h)

**rosin colophony**

ErC50: (Pseudokirchneriella subcapitata): = 39,6 mg/l (72 h)

Method: OECD 201

***Acute (short-term) toxicity to crustacea***

**2,6-di-tert-butyl-p-cresol**

EC50 (Daphnia magna (Big water flea)): = 0,61 mg/l (48 h)

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**Ethyl acetate**

EC50 (Daphnia magna (Big water flea)): = 165 mg/l (48 h)

**Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane**

EL50: (Daphnia magna (Big water flea)): = 3 mg/l (48 h)

**cyclohexane**

EC50 (Daphnia magna (Big water flea)): = 0,9 mg/l (48 h)

**rosin colophony**

EC50 (Daphnia magna (Big water flea)): = 1,6 mg/l (48 h)

Method: OECD 202

**12.2 Persistence and degradability**

**Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane**

Biodegradation; (Activated sludge) = 81 % (28 d )

Method: OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D

Readily biodegradable (according to OECD criteria).

**cyclohexane**

Biodegradation; (Activated sludge) = 77 % (28 d )

Method: OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D

Readily biodegradable (according to OECD criteria).

**12.3 Bioaccumulative potential**

**cyclohexane**

Bioconcentration factor (BCF), (Pimephales promelas (fathead minnow)) = 167

\* Method: calculated

No indication of bioaccumulation potential.

Partition coefficient: n-octanol/water = 0,68

**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 REACH, annex XIII.

**12.6 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Waste codes/waste designations according to EWC/AVV**

\* 080409\* - Waste adhesives and sealants containing organic solvents or other dangerous substances

**Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**14.1 UN number**

1133

**14.2 UN proper shipping name**

**Land transport (ADR/RID)**

KLEBSTOFFE (enthält Ethylacetat, Kohlenwasserstoffe, C6-C7, Isoalkane, Cyclene, <5% n-Hexan)

**Inland waterway craft (ADN)**

KLEBSTOFFE (enthält Ethylacetat, Kohlenwasserstoffe, C6-C7, Isoalkane, Cyclene, <5% n-Hexan)

**Sea transport (IMDG)**

Adhesives (contain Ethyl acetate, Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane, cyclohexane)

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**Air transport (ICAO-TI / IATA-DGR)**

Adhesives (contain Ethyl acetate, Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane)

**14.3 Transport hazard class(es)**

Land transport (ADR/RID)	3
Inland waterway craft (ADN)	3
Sea transport (IMDG)	3
Air transport (ICAO-TI / IATA-DGR)	3

**14.4 Packing group**

Land transport (ADR/RID)	II for packages < = 450 litres: III
Inland waterway craft (ADN)	II
Sea transport (IMDG)	II for packages < = 450 litres: III
Air transport (ICAO-TI / IATA-DGR)	II for packages < 30 litres: III

**14.5 Environmental hazards**

Land transport (ADR/RID)	ENVIRONMENTALLY HAZARDOUS
Sea transport (IMDG)	Marine pollutant / cyclohexane

**14.6 Special precautions for user**

Transport always in closed, upright and safe containers Make sure that persons transporting the product know what to do in case of an accident or leakage. Advices on safe handling see parts 6 - 8

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No transport as bulk according to IBC Code.

**14.8 Additional information**

**Land transport (ADR/RID)**

Classification code: F1  
Limited quantity (LQ): 5 Liter  
tunnel restriction code: D/E  
for packages < = 450 litres: E  
transport category: 2  
Hazard identification number (Kemler No.): 33

**Inland waterway craft (ADN)**

Classification code: F1  
Limited quantity (LQ): 5 Liter

**Sea transport (IMDG)**

Limited quantity (LQ): 5 Liter  
EmS-No.: F-E, S-D

**Air transport (ICAO-TI / IATA-DGR)**

Limited quantity (LQ): 1 Liter  
Verpackungsanweisung: Y341  
pro Versandstück - Passenger: 5 Liter  
Verpackungsanweisung - Passenger: 353  
pro Versandstück - Cargo: 60 Liter  
Verpackungsanweisung - Cargo: 364

**SECTION 15: Regulatory information**

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

**EU legislation**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**Directive 2010/75/EU on industrial emissions**

\* VOC-value (in g/L): 647,429 g/l

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-**

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**Directive]**

**Hazard categories / Named dangerous substances**

E2 Hazardous to the aquatic environment in Category Chronic 2

Quantity 1: 200t; Quantity 2: 500t

P5c Flammable liquids

Quantity 1: 5.000t; Quantity 2: 50.000t

**National regulations**

**15.2 Chemical Safety Assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

**REACH No.**

**Substance name**

01-2119555270-46

2,6-di-tert-butyl-p-cresol

01-2119475103-46

Ethyl acetate

01-2119475514-35

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

01-2119463273-41-0000

cyclohexane

01-2119480418-32

rosin colophony

**SECTION 16: Other information**

Relevant R-, H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.

**Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

Flam. Liq. 2                      On basis of test data.

Eye Irrit. 2                      Calculation method.

STOT SE 3 Narcotic effects                      Calculation method.

Skin Irrit. 2                      Calculation method.

\* Aquatic Chronic 2                      Calculation method.

**Abbreviations and acronyms**

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

**Indication of changes**

\* Data changed compared with the previous version