

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 1 Jul 2026

Print date: 2 Jul 2026

Version: 1.1

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

1.1 Product identifier

Trade name/designation:

Mischlack

UFI:

9300-P0FT-8005-G9KD

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

Use of the substance/mixture:

Paints and varnishes.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

KVP Kölner Vergolderprodukte GmbH

Rennmühle 3

91126 Schwabach

GERMANY

Telephone: +49 351 86268950

Telefax: +49 351 86263491

E-mail: info@kolner-vergolderprodukte.de

Website: http://kolner-vergolderprodukte.de

E-mail (competent person): info@kolner-vergolderprodukte.de

1.4 Emergency phone number

24h: +49 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Flammable liquids (<i>Flam. Liq. 2</i>)	H225: Highly flammable liquid and vapour.	Test data
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	Calculation
STOT-single exposure (<i>STOT SE 3</i>)	H336: May cause drowsiness or dizziness.	Calculation

2.2 Label elements

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

Hazard pictograms:



GHS02

Flame



GHS07

Exclamation mark

Signal word: Danger

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Listing of ingredients:

xylene; reaction mass of ethylbenzene and xylene; n-butyl acetate; acetone

Hazard statements for physical hazards

H225	Highly flammable liquid and vapour.
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Hazard statements for health hazards

H315	Causes skin irritation.
------	-------------------------

H319	Causes serious eye irritation.
------	--------------------------------

H335	May cause respiratory irritation.
------	-----------------------------------

H336	May cause drowsiness or dizziness.
------	------------------------------------

Supplemental hazard information

EUH066	Repeated exposure may cause skin dryness or cracking.
--------	---

EUH208	Contains Methyl methacrylate, butyl methacrylate, dodecane-1-thiol. May produce an allergic reaction.
--------	---

Precautionary statements

P102	Keep out of reach of children.
------	--------------------------------

Precautionary statements Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
------	--

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
------	---

Precautionary statements Response

P302+P352	IF ON SKIN: Wash with plenty of water and soap.
-----------	---

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
----------------	--

P314	Get medical advice/attention if you feel unwell.
------	--

Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
------	---

Special rules for supplemental label elements for certain mixtures:

One-pack performance coatings, Directive 42/2004/CE, II A, with VOC limit value = 500 g/L and max. VOC content $\leq 586,29$ g/L

Other hazards which do not result in classification (≤ 125 mL)

Hazard pictograms:



GHS02
Flame



GHS07
Exclamation mark

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Signal word: Danger

Hazard statements for health hazards

H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

Supplemental hazard information

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Methyl methacrylate, butyl methacrylate, dodecane-1-thiol. May produce an allergic reaction.

Precautionary statements

P102	Keep out of reach of children.
------	--------------------------------

Precautionary statements Response

P314	Get medical advice/attention if you feel unwell.
------	--

Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
------	---

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

A mixture of the substances listed below, containing non-hazardous additives.

Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 123-86-4 EC No.: 204-658-1 Index No.: 607-025-00-1 REACH No.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3 (H226), STOT SE 3 (H336) Warning EUH066	20 - < 26 weight-%
CAS No.: 1330-20-7 EC No.: 215-535-7	xylene Acute Tox. 4 (H312, H332), Asp. Tox. 1 (H304), Eye Irrit. 2 (H319), Flam. Liq. 3 (H226), STOT RE 2 (H373), STOT SE 3 (H335), Skin Irrit. 2 (H315) Danger Acute Toxicity Estimate ATE (dermal) 1,100 mg/kg ATE (inhalation, vapour) 11 mg/L ATE (inhalation, dust/mist) 1.5 mg/L	5 - < 10 weight-%
CAS No.: 67-64-1 EC No.: 200-662-2 Index No.: 606-001-00-8 REACH No.: 01-2119471330-49	acetone Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger EUH066	5 - < 10 weight-%
EC No.: 905-588-0 REACH No.: 01-2119488216-32	reaction mass of ethylbenzene and xylene Acute Tox. 4 (H332), Asp. Tox. 1 (H304), Eye Irrit. 2 (H319), Flam. Liq. 3 (H226), STOT RE 2 (H373), STOT SE 3 (H335), Skin Irrit. 2 (H315) Danger Acute Toxicity Estimate ATE (inhalation, vapour) 11 mg/L ATE (inhalation, dust/mist) 1.5 mg/L	5 - 10 weight-%

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Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 108-83-8 EC No.: 203-620-1 Index No.: 606-005-00-X REACH No.: 01-2119474441-41	2,6-dimethylheptan-4-one Flam. Liq. 3 (H226), STOT SE 3 (H335) Warning Specific concentration limit (SCL) STOT SE 3; H335: C ≥ 10%	1 - < 5 weight-%
CAS No.: 763-69-9 EC No.: 212-112-9 REACH No.: 01-2119463267-34	ethyl 3-ethoxypropionate Flam. Liq. 3 (H226) Warning EUH066	1 - < 3 weight-%
CAS No.: 100-41-4 EC No.: 202-849-4 Index No.: 601-023-00-4 REACH No.: 01-2119489370-35	ethylbenzene Acute Tox. 4 (H332), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT RE 2 (H373) Danger Acute Toxicity Estimate ATE (inhalation, vapour) 11 mg/L ATE (inhalation, dust/mist) 1.5 mg/L	1 - < 3 weight-%
CAS No.: 64742-49-0 EC No.: 921-024-6 REACH No.: 01-2119475514-35	hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT SE 3 (H336), Skin Irrit. 2 (H315) Danger	1 - < 3 weight-%
CAS No.: 78-83-1 EC No.: 201-148-0 Index No.: 603-108-00-1 REACH No.: 01-2119484609-23	2-methylpropan-1-ol Eye Dam. 1 (H318), Flam. Liq. 3 (H226), STOT SE 3 (H335, H336), Skin Irrit. 2 (H315) Danger	1 - < 3 weight-%
CAS No.: 79-20-9 EC No.: 201-185-2 Index No.: 607-021-00-X	methyl acetate Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger EUH066	1 - 3 weight-%
CAS No.: 78-93-3 EC No.: 201-159-0 Index No.: 606-002-00-3 REACH No.: 01-2119457290-43	methyl ethyl ketone (MEK) Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger EUH066	1 - 3 weight-%
CAS No.: 80-62-6 EC No.: 201-297-1 Index No.: 607-035-00-6 REACH No.: 01-2119452498-28	methyl methacrylate Flam. Liq. 2 (H225), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Danger	0.1 - < 1 weight-%
CAS No.: 97-88-1 EC No.: 202-615-1 Index No.: 607-033-00-5 REACH No.: 01-2119486394-28	butyl methacrylate Eye Irrit. 2 (H319), Flam. Liq. 3 (H226), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0.1 - < 1 weight-%
CAS No.: 112-55-0 EC No.: 203-984-1	dodecane-1-thiol Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1C (H314), Skin Sens. 1A (H317) Danger M-factor (acute): 10 M-factor (chronic): 1	0.025 - < 0.1 weight-%

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

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 victim out of the danger area. Remove contaminated, saturated clothing.

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If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. Get medical advice/attention if you feel unwell.

In case of skin contact:

Remove contaminated, saturated clothing immediately. Wash immediately with: Water and soap. In case of skin irritation, consult a physician.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause respiratory irritation. May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, Extinguishing powder, carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. In use may form flammable/explosive vapour-air mixture.

Hazardous combustion products:

In case of fire may be liberated: carbon oxides (CO_x); Gases/vapours, toxic

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Use water spray jet to protect personnel and to cool endangered containers. 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

6.1.1 For non-emergency personnel

Personal precautions:

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Special danger of slipping by leaking/spilling product. Remove persons to safety. Keep away from sources of ignition - No smoking.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection. See section 8.

6.1.2 For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Handling larger quantities: Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up:

Water with tenside additive

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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

Protective measures

Advices on safe handling:

Provide adequate ventilation. Avoid contact with skin, eyes and clothes.

Fire prevent measures:

Vapours can form explosive mixtures with air. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Take precautionary measures against static discharges.

Environmental precautions:

Discharge into the environment must be avoided.

Advices on general occupational hygiene

Avoid contact with eyes and skin. Wash hands before breaks and after work. When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse. Draw up and observe skin protection programme.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight.

Requirements for storage rooms and vessels:

Floors should be impervious, resistant to liquids and easy to clean. Material, solvent-resistant. Keep/Store only in original container.

Hints on storage assembly:

Do not store together with: oxidizing agent. Keep away from combustible material. Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Recommendation:

Paints and varnishes.

Observe instructions for use.

SECTION 8: Exposure controls / Personal protection

8.1 Control Parameters

8.1.1 Occupational exposure limit values

Limit value type (country)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU) from 20 Nov 2019	n-butyl acetate CAS No.: 123-86-4 EC No.: 204-658-1	① 50 ppm (241 mg/m ³) ② 150 ppm (723 mg/m ³)
IOELV (EU)	xylylene CAS No.: 1330-20-7 EC No.: 215-535-7	① 50 ppm (221 mg/m ³) ② 100 ppm (442 mg/m ³) ⑤ (may be absorbed through the skin)
IOELV (EU)	acetone CAS No.: 67-64-1 EC No.: 200-662-2	① 500 ppm (1,210 mg/m ³)

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Limit value type (country)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	reaction mass of ethylbenzene and xylene EC No.: 905-588-0	① 50 ppm (221 mg/m ³) ② 100 ppm (442 mg/m ³) ⑤ (may be absorbed through the skin)
IOELV (EU)	ethylbenzene CAS No.: 100-41-4 EC No.: 202-849-4	① 100 ppm (442 mg/m ³) ② 200 ppm (884 mg/m ³) ⑤ (may be absorbed through the skin)
IOELV (EU)	methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	① 200 ppm (600 mg/m ³) ② 300 ppm (900 mg/m ³)
IOELV (EU)	methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	① 50 ppm ② 100 ppm

8.1.2 Biological limit values

No data available.

8.1.3 DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
acetone CAS No.: 67-64-1 EC No.: 200-662-2	1,210 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	200 mg/m ³	① DNEL consumer ② Long-term - inhalation, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	2,420 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	186 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	62 mg/kg	① DNEL consumer ② Long-term - dermal, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	62 mg/kg	① DNEL consumer ② Long-term - oral, systemic effects
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane CAS No.: 64742-49-0 EC No.: 921-024-6	2,035	① DNEL worker ② Long-term - inhalation, systemic effects
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane CAS No.: 64742-49-0 EC No.: 921-024-6	608	① DNEL consumer ② Long-term - inhalation, systemic effects
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane CAS No.: 64742-49-0 EC No.: 921-024-6	773	① DNEL worker ② Long-term - dermal, systemic effects
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane CAS No.: 64742-49-0 EC No.: 921-024-6	699	① DNEL consumer ② Long-term - dermal, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5 % n-hexane CAS No.: 64742-49-0 EC No.: 921-024-6	699	① DNEL consumer ② Long-term - oral, systemic effects
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	310 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	55 mg/m ³	① DNEL consumer ② Long-term - inhalation, systemic effects
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	25 mg/kg	① DNEL consumer ② Long-term - oral, systemic effects
methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	600 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	106 mg/m ³	① DNEL consumer ② Long-term - inhalation, systemic effects
methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	1,161 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	412 mg/kg	① DNEL consumer ② Long-term - dermal, systemic effects
methyl ethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	31 mg/kg	① DNEL worker ② Long-term - oral, systemic effects

Substance name	PNEC value	① PNEC type
acetone CAS No.: 67-64-1 EC No.: 200-662-2	10.6 mg/L	① PNEC aquatic, freshwater
acetone CAS No.: 67-64-1 EC No.: 200-662-2	1.06 mg/L	① PNEC aquatic, marine water
acetone CAS No.: 67-64-1 EC No.: 200-662-2	100 mg/L	① PNEC sewage treatment plant
acetone CAS No.: 67-64-1 EC No.: 200-662-2	30.4 mg/kg	① PNEC sediment, freshwater
acetone CAS No.: 67-64-1 EC No.: 200-662-2	3.04 mg/kg	① PNEC sediment, marine water
acetone CAS No.: 67-64-1 EC No.: 200-662-2	21 mg/L	① PNEC aquatic, intermittent release
acetone CAS No.: 67-64-1 EC No.: 200-662-2	33.3 mg/kg	① PNEC soil, freshwater
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	0.4 mg/L	① PNEC aquatic, freshwater
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	0.04 mg/L	① PNEC aquatic, marine water

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Substance name	PNEC value	① PNEC type
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	1.52 mg/kg	① PNEC sediment, freshwater
2-methylpropan-1-ol CAS No.: 78-83-1 EC No.: 201-148-0	0.152 mg/kg	① PNEC sediment, marine water
methylethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	55.8 mg/L	① PNEC aquatic, freshwater
methylethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	55.8 mg/L	① PNEC aquatic, marine water
methylethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	284.74 mg/kg	① PNEC sediment, freshwater
methylethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	287.7 mg/kg	① PNEC sediment, marine water
methylethyl ketone (MEK) CAS No.: 78-93-3 EC No.: 201-159-0	22.5 mg/kg	① PNEC soil, freshwater

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

8.2.2 Personal protection equipment



Eye/face protection:

Eye glasses with side protection (EN 166).

Skin protection:

Wear suitable gloves (EN ISO 374).

Suitable material: IIR (Butyl rubber)

Material thickness: $\geq 0,7$ mm

Breakthrough time: ≥ 480 min

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. 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. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

Provide adequate ventilation. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Filtering device with filter or ventilator filtering device of type: A

Other protection measures:

Wear anti-static footwear and clothing

8.2.3 Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid

Form: liquid

Colour: whitish

Odour: like Colour

Flammability: Yes

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Safety relevant basic data

Parameter	Value	at	① Method ② Remark
pH	No data available.		
Melting point	No data available.		
Freezing point	No data available.		
Initial boiling point and boiling range	> 55 °C		
Flash point	< 21 °C		① c.c.
Evaporation rate	No data available.		
Auto-ignition temperature	> 200 °C		
Upper/lower Flammability or explosive limits	1.2 – 7.5 Vol-%		② n-Butyl acetate
Vapour pressure	No data available.		
Vapour density	No data available.		
Density	0.86 – 0.87 g/cm ³	20 °C	
Bulk density	Not applicable.		
Water solubility	slightly soluble		
Dynamic viscosity	No data available.		
Kinematic viscosity	No data available.		

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Highly flammable liquid and vapour.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Vapours can form explosive mixtures with air. Possibility of hazardous reactions/Exothermic reaction with: oxidizing agent, Acids.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

10.5 Incompatible materials

oxidizing agent, Acids.

10.6 Hazardous decomposition products

No known hazardous decomposition products. In case of fire may be liberated: carbon oxides (CO_x); Gases/vapours, toxic

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

acetone CAS No.: 67-64-1 EC No.: 200-662-2

LC₅₀ Acute inhalation toxicity (vapour): 76 mg/L 4 h (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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Skin corrosion/irritation:

Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

May cause respiratory irritation. 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.

11.2 Information on other hazards

Endocrine disrupting properties:

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

Additional ecotoxicological information:

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

12.2 Persistence and degradability

Biodegradation:

Method OECD 301B: Readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data 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 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 data available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/Packaging disposal

Waste codes/waste designations according to EWC

Waste code product

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances
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*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

Other disposal recommendations:

The allocation of waste code numbers / waste names must be carried out in accordance with the European Waste Catalogue (EWC). Collect in closed and suitable containers for disposal. Waste for disposal is to be classified and labelled. Protect from sunlight. Store in a well-ventilated place. Vapours can form explosive mixtures with air. Do not allow to enter into surface water or drains.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI-/IATA-DGR)
14.1 UN number or ID number			
UN 1263	UN 1263	UN 1263	UN 1263
14.2 UN proper shipping name			
Paint	Paint	Paint	Paint
14.3 Transport hazard class(es)			
 3	 3	 3	 3
14.4 Packing group			
II	II	II	II
14.5 Environmental hazards			
No	No	No	No
14.6 Special precautions for user			
No data available.	No data available.	No data available.	No data available.

14.7 Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

15.1.1 EU legislation

Authorisations:

Contains no substances listed in REACH Annex XIV.

Restrictions on use:

Contains no substances subject to the restrictions of Annex XVII of the REACH Regulation.

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Other regulations (EU):

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

The product does not contain substances of very high concern (SVHC) $\geq 0,1\%$.

This product is classified according to Directive 2012/18/EU, Hazard categories:
P5a FLAMMABLE LIQUIDS, P5b FLAMMABLE LIQUIDS, P5c FLAMMABLE LIQUIDS.

15.1.2 National regulations

No data available.

15.2 Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Indication of changes

Changes executed in version 1.1:

Section 2.2 Label elements

16.2 Abbreviations and acronyms

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC₅₀ = Median effective concentration

ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

ELINCS = European List of Notified Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IC₅₀ = Inhibition concentration, 50%

IMDG = International Maritime Code for Dangerous Goods

IUCLID = International Uniform Chemical Information Database

LC₅₀ = Lethal concentration, 50%

LD₅₀ = Median lethal dose

LC0 = lethal concentration, 0%

LOAEL = lowest-observed-adverse-effect level

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Content

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Content

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

STP = Sewage Treatment Plant

TLV®/TWA = Threshold limit value - time-weighted average

TLV®STEL = Threshold limit value - short-time exposure limit

VOC = Volatile Organic Compounds

vPvB = very Persistent and very Bioaccumulative

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16.3 Key literature references and sources for data

European Chemicals Agency (ECHA): <https://www.echa.europa.eu>

ECHA, C&L Inventory: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA, Registered substances: <https://echa.europa.eu/information-on-chemicals/registered-substances>

GESTIS, Information system on hazardous substances: <https://www.gestis.dguv.de/search>

GESTIS, International Limit Values: <https://limitvalue.ifa.dguv.de>

Hörsch Gefährliche Stoffe und Gemische, 8. Auflage, Dr. Angela Schulz

Safety data sheets of the manufacturers

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Flammable liquids (<i>Flam. Liq. 2</i>)	H225: Highly flammable liquid and vapour.	Test data
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	Calculation
STOT-single exposure (<i>STOT SE 3</i>)	H336: May cause drowsiness or dizziness.	Calculation

16.5 List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
Supplemental hazard information	
EUH066	Repeated exposure may cause skin dryness or cracking.

16.6 Training advice

No data available.

16.7 Additional information

The information in this safety data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.