

SAFETY DATA SHEET – Kölner Classic oil mixtion, 3 hours

according to Regulation (EC) No. 1907/2006 (REACH) · Revision date: 10.04.2017 · Print date: 12.04.2017

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

1.1. Product identifier

Trade name/designation: Kölner Classic oil mixtion - 3 hours drying time

Article No.: SAL0011

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

Use of the substance/mixture: Colour, Surface treatment. Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: KVP Kölner Vergolderprodukte GmbH · Dresden - GERMANY

Telephone: +49 (0) 35 1 - 86 26 89 50 · Telefax: +49 (0) 35 1 - 86 26 34 91

Website: <http://kolner-vergolderprodukte.de/>

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

1.4. Emergency telephone number

24 h: +49 (0) 55 1 - 19 24 0

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 (Flam. Liq. 3)	H226: Flammable liquid and vapour.	Test Data
STOT-repeated exposure (STOT RE 1)	H372: Causes damage to organs through prolonged or repeated exposure.	Calculation

2.2. Label elements

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

Hazard pictograms:



GHS02

Flame



GHS08

Health hazard

Signal word: Warning

Hazard components for labelling:

Naphtha (petroleum), hydrodesulfurized heavy; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics



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Hazard statements for physical hazards	H226 Flammable liquid and vapour.
Hazard statements for health hazards	P372 Causes damage to organs through prolonged or repeated exposure.
Supplemental hazard information (EU)	EUH208 Contains Butanone oxime, Cobalt compounds. May produce an allergic reaction.
Precautionary statements - Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P243 Take action to prevent static discharges. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - Response	P314 Get medical advice/attention if you feel unwell.
Precautionary statements - Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Adverse human health effects and symptoms: May cause eye irritation. May cause skin irritation.

SECTION 3: Composition / information on ingredients

3.1. Mixtures

Description: rosin oil, additives and Solvent

Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No.1272/2008 [CLP]	Concentration
CAS No.: 64742-82-1 EC No.: 265-185-4 INDEX No.: 649-330-00-2 REACH No.: 01-2119490979-12	Naphtha (petroleum), hydrodesulfurized heavy Flam. Liq. 3, STOT RE 1, Asp. Tox. 1   Danger H226-H304-H372	25 - 50 Wt %



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CAS No.: 64742-48-9 EC No.: 919-857-5 REACH No.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1  Danger H304-EUH066	10 – 25 Wt %
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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 immediately. If unconscious 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:** In case of contact with eyes, rinse thoroughly with water. In case of eye irritation consult an ophthalmologist.
- **After ingestion:** Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

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

Causes damage to organs through prolonged or repeated exposure. May cause eye irritation. May cause skin irritation.

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

Flammable liquid and vapour. Vapours can form explosive mixtures with air.

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



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5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

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: Keep away from sources of ignition - No smoking. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. Special danger of slipping by leaking/spilling product. Remove persons to safety.

Protective equipment: Wear protective gloves/protective clothing/eye protection/face protection.

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:** Wipe with absorbent material (eg. cloth, fleece). In case and large quantities: In case and large quantities: Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquidbinding material (e.g. sand, diatomaceous earth, acid- or universal binding agents)..
- **For cleaning up:** Solvents/Thinner, Hydrocarbons.

6.4. Reference to other sections

Safe handling: see section 7

Personal protecting equipment: see section 8

Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

- **Advices on safe handling:** Take care of an adequate ventilation during application and curing. Do not breathe gas/fumes/vapour/ spray. Avoid contact with skin, eyes and clothes. Repeated exposure may cause skin dryness or cracking. Wear personal protection equipment (refer to section 8).
- **Fire prevent measures:** 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 discharge.
- **Measures to prevent aerosol and dust generation:** Use suitable spraying system to avoid atomised spray.
- **Environmental precautions:** Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Take off immediately all contaminated clothing. Apply skin care products after work.

7.2. Conditions for safe storage, including any incompatibilities

- **Technical measures and storage conditions:** Keep container tightly closed in a cool, well-ventilated place.
- **Requirements for storage rooms and vessels:** Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.
- **Hints on storage assembly:** Keep away from combustible material.
- **Further information on storage conditions:** Protect from sunlight.

7.3. Specific end use(s)

Recommendation: Colour, Surface treatment.

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
WEL (GB)	Naphtha (petroleum), hydrodesulfurized heavy CAS No.: 64742-82-1	1 – 500 mg/m ³ 5 – (Aromatics)



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WEL (GB)	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics CAS No.: 64742-48-9	1 – 1,200 mg/m ³ 5 – (> or = C7, Normal and branched chain alkanes)
WEL (GB)	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics CAS No.: 64742-48-9	1 – 800 mg/m ³ 5 – (> or = C7, Cycloalkanes)

8.1.2. Biological limit values

No data available.

8.1.3. DNEL-/PNEC-values

No data available.

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.

Generation/formation of aerosols: Devices with local exhaust / Technical ventilation of workplace.

8.2.2. Personal protection equipment



Eye/face protection: Filling and transfer: Eye glasses with side protection (DIN EN 166).

Skin protection:

Wear suitable gloves (EN 374).

Suitable material: NBR (Nitrile rubber)

Material thickness: $\geq 0,5$ 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. Check leak tightness/impermeability prior to use.



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Respiratory protection: Provide adequate ventilation. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Combination filtering device (EN 14387), Filtering device (full mask or mouthpiece) with filter: A-P2

Other protection measures: Wear suitable protective clothing (EN 14605, EN ISO 13982).

8.2.3. Environmental exposure controls

No data available.

8.3. Additional information

No data available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid Colour: colourless - light yellow Odour: like hydrocarbons

Safety relevant basis data

Parameter		at ° C	Method	Remark
pH	not applicable			
Melting point/freezing point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			≥ 35 °C (estimated)
Decomposition temperature	not determined			
Flash point	25 ° C	c.c.		
Evaporation rate	not determined			
Ignition temperature	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Relative density	0.88443 g/ml	20		
Bulk density	not applicable			
Water solubility	insoluble			
Partition coefficient: n-octanol/water	not determined			



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Dynamic viscosity	not determined			
Kinematic viscosity	not determined			
VOC content (EU)	478.69 g/l			

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

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. Violent reaction with: Oxidising agent, strong.

10.4. Conditions to avoid

Frost, Heat, UV-radiation/sunlight.

10.5. Incompatible materials

Oxidizing agent, Acids, alkali (lye).

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 toxicological effects

- **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.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
Repeated exposure may cause skin dryness or cracking.
- **Eye damage/irritation:** Based on available data, the classification criteria are not met. May cause eye irritation
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.



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- **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:** Based on available data, the classification criteria are not met.
- **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.
- **Additional information:** No data available.

SECTION 12: Ecological information

12.1. Toxicity

- **Aquatic toxicity:** May cause long lasting harmful effects to aquatic life.

12.2. Persistence and degradability

- **Biodegradation:** Some of the components are poorly biodegradable. In accordance with the required stability the product is poorly biodegradable.

12.3. Bioaccumulative potential

- **Akkumulation / 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. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. For recycling, contact manufacturer.

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



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13.2. Additional information

Collect in closed and suitable containers for disposal. Waste for disposal is to be classified and labelled.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

Land transport (ADR / RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAOTI/ IATA-DGR)
14.1. UN-No.			
1263	1263	1263	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			
III	III	III	III
14.5 Environmental hazards			
No	No	No	No
14.6 Special precautions for user			
Special provisions: not determined Limited Quantity (LQ): not determined Hazard identification number (KemlerNo.): 30 Classification code: F Tunnel restriction code: D/E Remark: -	Special provisions: not determined Limited Quantity (LQ): not determined Classification code: F Remark: -	Special provisions: not determined Limited Quantity (LQ): not determined EmS-No.: F-E; S-D Remark: -	Special provisions: not determined Limited Quantity (LQ): not determined Remark: -

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

Additional information:

Transport as „Excepted Quantity“ according to chapter 3.5 ADR/RID

Transport as „Limited Quantity“ according to chapter 3.4 ADR/RID



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SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risk related to chemical agents at work Observe restrictions to employment for juvenils according to the ‚juvenile work protection guideline‘ (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

15.1.2. National regulations

No data available.

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

No data available.

SECTION 16: Other information

16.1. Indication of changes

No data available.

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3. Key literature references and sources for data

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

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

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

GESTIS (Gefahrstoffinformationssystem der DGUV): <http://www.dguv.de/ifa/GESTIS/index.jsp>

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

Safety data sheets of the manufacturers.



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

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Flammable liquids (Flam. Liq. 3)	H226: Flammable liquid and vapour.	Test data
STOT-repeated exposure (STOT RE 1)	H372: Causes damage to organs through prolonged or repeated exposure.	Calculation

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

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H372	Causes damage to organs through prolonged or repeated exposure.

16.6. Training advice

No data available.

16.7. Additional information

The information in this 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 named in this safety data sheet, 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.

