

SAFETY DATA SHEET – Kölner Classic Dura Letter

according to Regulation (EC) No. 1907/2006 (REACH) · Revision date:10.03.2022 · Print date: 10.03.2022

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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 Dura Letter

UFI: 87U7-CM2C-E10X-NK4Q

Article-No.: 1101, 1201,1301, 1401, 1501, 1601, 1701, 1801, 1901, 2001, 2101, 2201, 2202, 2203, 2301, 2401, 2501, 2601

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

Use of the substance/mixture: Paints and varnishes, Professional use, Artists supply. For professional use only

Use advised against: No further relevant information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: KVP Kölner Vergolderprodukte GmbH - Schwabach - 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

+49 (0) 35 1 - 86 26 89 50 (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]:



Flam Liq. 3

GHS02 flame

H226 Flammable liquid and vapour.



Skin Sens. 1

GHS07

H317 May cause an allergic skin reaction.

STOT SE 3

H336 May cause drowsiness or dizziness.



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2.2. Label elements

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

The product is classified and labelled according to the CLP regulation.

Signal word	Warning
Hazard pictograms	  GHS02 GHS07
Hazard statements	H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions. 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. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard-determining components of labelling	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics 2-Methoxy-1-methylethyl acetate 1-methoxy-2-propanol n-Butyl acetate



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Additional information:

- EUH066 Repeated exposure may cause skin dryness or cracking.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed.
Do not breathe spray or mist.

2.3. Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition / information on ingredients

3.1. Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions..

Dangerous components:

· Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336)	10-25 %	EC number: 919-857-5 Reg.nr.: 01-2119463258-33
· 2-Methoxy-1-methylethyl acetate (Flam. Liq. 3, H226; STOT SE 3, H336)	2,5-<10 %	CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29
· Xylene (Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox.1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335)	5-<10 %	CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32
· 1-methoxy-2-propanol (Flam. Liq. 3, H226; STOT SE 3, H336)	2,5-<10 %	CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35
· Ethylbenzene (Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox.1, H304; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412)	<2,5 %	CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35
· n-Butyl acetate (Flam. Liq. 3, H226; STOT SE 3, H336)	1-<2,5 %	CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29
· cobalt bis(2-ethylhexanoate) (Repr. 2, H361; Aquatic Acute 1, H400; Eye Irrit. 2, H319; Skin Sens. 1A, H317; Aquatic Chronic 3, H412)	≥0,1-<0,25 %	CAS: 136-52-7 EINECS: 205-250-6 Reg.nr.: 01-2119524678-29



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· 2-ethylhexanoic acid (Repr. 2, H361d; Acute Tox. 4, H312)	<1 %	CAS: 149-57-5 EINECS: 205-743-6 Reg.nr.: 01-2119488942-23
· Zinc bis(2-ethylhexanoate) (Repr. 2, H361; Eye Irrit. 2, H319; Aquatic Chronic 3, H412)	<1 %	CAS: 136-53-8 EINECS: 205-251-1

Additional information:

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Generally the product does not irritate the skin. Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protective equipment: No special measures required.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

· Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2. Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles: No special requirements.

· Information about storage in one common storage facility: Store away from foodstuffs.

· Further information about storage condition: Keep container tightly sealed.

· Storage class: 3

7.3. Specific end use(s)

No further relevant information available.



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SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

· 108-65-6 2-Methoxy-1-methylethyl acetate	WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
· 1330-20-7 Xylene	WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
· 107-98-2 1-methoxy-2-propanol	WEL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Sk
· 100-41-4 ethylbenzene	WEL	Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 ppm Sk
· 123-86-4 n-Butyl acetate	WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
· 136-52-7 cobalt bis(2-ethylhexanoate)	WEL	Long-term value: 0.1 mg/m ³ as Co; Carc, Sen

Ingredients with biological limit values:

· 1330-20-7 Xylene	BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

· Personal protective equipment



· General protective and hygienic measures: Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

· Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.



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· **Protection of hands:** Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Protective Gloves (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation..

· **Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Breakthrough time of glove material:** The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Fluid Colour: According to product specification Odour: characteristic

Odour threshold: not determined.

Safety relevant basis data

Parameter		at ° C	Method	Remark
pH-value	not determined			
Melting point/freezing point	not determined			
Initial boiling point and boiling range	137 - 143 °C			
Flash point	29 °C			DIN 53213
Flammability (solid, gas)	not applicable			
Ignition temperature	315 °C			DIN 51794
Decomposition temperature	not determined			
Auto-ignition temperature				Product is not selfigniting.
Explosive properties				Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Lower explosion limit	0.6 Vol.-%			
Upper explosion limit	8 Vol.-%			
Vapour pressure	6,7-8,2 hPa	20 ° C		
Density	1.022 g/cm ³	20 ° C		DIN 53217
Relative density	not determined			
Vapour density	not determined			



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Evaporation rate	not determined			
Solubility in / Miscibility with water	not miscible or difficult to mix			
Partition coefficient: n-octanol/water	not determined			
Viscosity, dynamic	not determined			
Viscosity, kinematic	170-180 s	20 ° C		DIN 53211/4
Solvent content: VOC (EC)	45,93 %			
Solids content (weight-%)	54,1 %			

9.2. Other information

Keine weiteren relevanten Informationen verfügbar.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available

10.2. Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Carbon monoxide



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SECTION 11: Toxicological information

11.1. Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

1330-20-7 Xylene

LD50, oral: 5.251 mg/kg (rat)

LD50, dermal: >5.000 mg/kg (rabbit)

LC50/4 h, inhalativ: 29 mg/l (rat)

· Primary irritant effect:

· Skin corrosion/irritation

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

· Serious eye damage/irritation

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

· Respiratory or skin sensitisation

May cause an allergic skin reaction.

· Additional toxicological information:

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

· 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 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.

SECTION 12: Ecological information

12.1. Toxicity

· Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.



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12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

Additional ecological information

General notes

Water hazard class 2 (German Regulation) : hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1. UN-Number

ADR, IMDG, IATA: UN1263

14.2. UN proper shipping name

ADR: UN1263 PAINT

IMDG/IATA: PAINT

14.3. Transport hazard class(es)

ADR



Class: 3 (F1) Flammable liquids

Label: 3



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IMDG, IATA



Class: 3 Flammable liquids

Label: 3

14.4. Packing group

ADR, IMDG, IATA: III

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code): 30

EMS Number: F-E, S-E

Stowage Category: A

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

not applicable

Transport/Additional information:

ADR	Limited quantities (LQ): 5L	Transport category: 3
	Tunnel restriction code: D/E	Remarks: ≤ 450 l: 2.2.3.1.5 ADR
IMDG	Limited quantities (LQ) 5L	Remarks: ≤ 30 l: 2.2.3.5 IMDG-Code
UN „Model Regulation“: UN 1263 PAINT, 3, III		

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category: P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 5.000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 50.000 t



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National regulations:

Additional classification according to Decree on Hazardous Materials, Annex II:

Class	Share in %
I	<1
NK	25-20

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

16.1. Relevant phrases

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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation..
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods



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IATA: International Air Transport Association

GHS: Globally Harmonised 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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Repr. 2: Reproductive toxicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

* Data compared to the previous version altered.

16.2. Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. 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.

