

# Safety data sheet

## DEKA-Transparent thinner

According to the Regulation (EC) no. 1907/2006

revised on 25.07.2024  
replaces version from 31.05.2021



### Section 1: Identification of the substance/mixture and the company/undertaking

#### 1.1 Product identifier:

**Trade name:** DEKA-Transparent thinner  
article 02298 (25 ml) and 02598 (125 ml)

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

No further relevant information available.

#### Application of the substance / the mixture:

Thinner for DEKA-Transparent, professional, commercial use.  
Must not get into the hands of children!

#### 1.3 Details of the supplier of the safety data sheet:

##### Manufacturer/supplier:

DEKA Textilfarben GmbH, Kapellenstraße 18  
D-82008 Unterhaching, Deutschland  
Tel.: ++ 49 / (0) 89 / 66 50 64 - 0  
Fax.: ++ 49 / (0) 89 / 611 76 51  
E-mail: info@deka-farben.de

#### 1.4 Emergency telephone number:

(Mon. - Thu. 9.00 – 16.00, Fri. 9.00 – 12.00)  
E-mail: info@deka-farben.de  
Tel.: ++ 49 / (0) 89 / 66 50 64 – 0

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture:

Flam. Liqu. 3            H226 Flammable liquid and vapor.  
STOT SE 3            H336 May cause drowsiness and dizziness.

#### 2.2 Label elements:

Labeling according to Regulation (EC) No. 1272/2008  
Pictograms and signal word of the product:



GHS02



GHS07

Signal word: Caution

#### Hazard statements:

H319: Causes severe eye irritation.  
H226: Flammable liquid and vapor.  
H336: May cause drowsiness and dizziness.

#### Safety precautions:

P210: Keep away from heat / sparks / open flame / hot surfaces and other ignition sources. Do not smoke.

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P243: Take precautionary measures against static discharges.

P303+P361+P353:

In case of contact with skin, or hair:

Remove all contaminated, soaked clothing immediately. Wash skin with water / shower.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in an orderly manner.

Dispose of contents / container in accordance with local / regional / national international regulations.

### UFI-CODE:

Transparent Thinner: 34T5-10UW-M00J-NCA2; Glass 25 and 125 ml

## Section 3: Composition / information on ingredients

### 3.2 Mixtures:

#### Chemical characterization:

Organic solvents, dearomatised without halogenated hydrocarbons, esters, ethers, ketones

#### 1-Methoxy-2-propyl acetate

CAS 108-65-6

Index 607-195-00-7

EC 203-603-9

Concentration 10 - 30%

H226

#### Butoxyl

CAS 4435-53-4

Index 607-202-00-3;

EC 224-644-9

Concentration 10 - 30%

#### 1-Methoxy-2-propanol

CAS 107-98-82

Index 603-064-00-3

EC 203-064-00-3

Concentration 10 - 25%

H226 and H336



## Section 4: First aid measures

### 4.1 Description of first aid measures:

**General information:**

No special measures required.

**After inhalation:**

Remove to fresh air, keep person warm and keep at rest.

**After skin contact:**

In case of contact with skin, wash thoroughly with plenty of soap and water.

**After eye contact:**

In case of contact with eyes, rinse carefully and thoroughly with plenty of water, if necessary consult an ophthalmologist.

**After ingestion:**

Rinse mouth with water, drink water. Consult a doctor. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed:

Irritant effect on skin, eyes and respiratory organs; headache, drowsiness; nausea; dizziness; impaired balance; narcosis; unconsciousness.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Information for doctor: Symptomatic treatment.

## Section 5: Firefighting measures

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Carbon dioxide, extinguishing powder, sand, foam, water mist

**Unsuitable extinguishing media:** Hard water jet.

### 5.2 Special hazards arising from the substance or mixture:

The paint transparent is flammable, toxic fumes, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), sulphur oxides (SO<sub>x</sub>) and nitrogen oxides (NO<sub>x</sub>), may be produced.

### 5.3 Advice for firefighters:

Transparent thinner is flammable and may produce toxic fumes.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes.

Keep away from sources of ignition and ventilate the room well. Avoid inhalation of vapours.

Observe protective regulations (see sections 7 and 8).

### 6.2 Environmental precautions:

Do not allow to enter soil, water, and sewage system.

### 6.3 Methods and material for containment and cleaning up:

Take up product with liquid-binding material, such as sand, diatomaceous earth and Universal binder, wipe up small amount. Collect for disposal in the designated containers according to local regulations (see section 13).

### 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 information on disposal.



## Section 7: Handling and storage

### 7.1 Precautions for safe handling:

- Ensure good ventilation of the workplace.
- Avoid contact with skin and eyes.
- Keep away from sources of ignition.
- Avoid electrostatic charge.
- Exercise the usual care when handling chemicals (TRGS 500) and paints, and observe the appropriate rules.
- Do not inhale vapors.
- Do not spray on persons.

### Advice on fire and explosion protection:

Solvent vapors are heavier than air and spread over the ground. Vapors form an explosive mixture together with air.

### Fire class:

B (flammable liquids)

### Temperature class:

T4

### 7.2 Conditions for safe storage, including any incompatibilities:

#### Requirements for storage rooms and containers:

Store frost-free, protect from heat and direct sunlight.

**Spraying:** Do not inhale vapours. Do not spray on persons. Ensure good ventilation. Spray booth: If necessary: Eye protection, protective clothing, respiratory protection.

**Storage:** Store product tightly closed in a cool place.

Avoid electrostatic charging and sparking.

Keep away from food and drink.

Electrical equipment/appliances must comply with the locally applied state of safety technology.

Storage rooms in which filling operations take place must have a conductive floor.

Storage class 3A according to TRGS 510: Flammable liquids.

### 7.3 Specific end use:

Thinner for DEKA-Transparent.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters:

#### Components with limit values that require monitoring at the workplace:

##### 1-Methoxy-2-propylacetat

CAS 108-65-6; AGW 50 ppm 270 mg/m<sup>3</sup>; EU ELV 100 ppm; 550 mg/m<sup>3</sup>

**DNEL value:** Oral 1,67 mg/kg

Dermal (Population) 54,8 mg/kg; Dermal (worker) 153,5 mg/kg

Inhalativ (Population) 33 mg/m<sup>3</sup>; Inhalativ (worker) 275 mg/m<sup>3</sup>

**PNEC value:**

100 mg/l STP wastewater treatment; aqua 0,635 mg/l (freshwater); 0,0635 mg/l (marine water);  
sediment 3,29 mg/kg (freshwater); 0,329 mg/kg (marine water); 0,29 mg/kg (sediment)

##### 1-Methoxy-2-propanol

CAS 107-98-2; AGW 375 mg/m<sup>3</sup> 100 ml/m<sup>3</sup> 2(l), DFG, Y

**DNEL value:** Oral (population) 3,3 mg/kg bw/day;

Dermal (population) 18,1 mg/kg bw/day; Dermal (worker) 50,6mg/kg bw/day;

(Long-term- systemic effects)

Inhalativ (population) 43,9 mg/m<sup>3</sup>

Inhalativ (worker) 553,5 mg/kg (acute–local effects);

369 mg/m<sup>3</sup> (Long-term-systemic effects)

**PNEC value:**

100 mg/l STP wastewater treatment; 2,47 mg/kg dw (soil) aqua 10 mg/l (freshwater)

sediment 41,6 mg/kg dw (freshwater); 4,17 mg/kg dw (marine water)

### 8.2 Exposure controls:

#### Protection and hygiene measures:

Avoid contact with eyes and skin.

Ensure ventilation of the work area.

Keep away from food.

#### Personal protective equipment:

Is not required for artistic painting.

#### For commercial processing of larger quantities:

Solvent-resistant protective gloves, rubber, e.g. nitrile rubber, polychloroprene (CR), PVC, follow manufacturer's instructions, also for breakthrough times. Avoid contact with skin.

**Eye protection:** Safety goggles with side shields if there is a risk of eye contact.

Avoid contact with eyes.

**Respiratory protection:** Provide ventilation in the workplace. If workers are exposed to concentrations above the occupational exposure limit, an approved respirator suitable for this purpose must be worn. Full face mask, filter A

**Personal Protective Equipment:** Clothing: Cotton, natural fibers

**Industrial hygiene:** Change soiled, soaked clothing and clean with cold water, soap. Wash hands with soap and water before breaks and after work.

Do not eat, drink, smoke, sniff while working. Disposable, rubber gloves have proven useful.



### Section 9: Physical and chemical properties

#### 9.1 Information on the basic physical and chemical properties:

##### General information:

<b>Appearance:</b>	liquid
<b>Colour:</b>	colourless
<b>Odour:</b>	ester-like
<b>Odour threshold:</b>	not determined
<b>Boiling point:</b>	116-173 °C*
<b>Vapour pressure, 20°C:</b>	1.5 mbar*
<b>Density, 20°C:</b>	> 1,01
<b>Solubility in water:</b>	not miscible
<b>pH-value, 20°C:</b>	not applicable
<b>Flash point:</b>	~+30°C
<b>Flammability:</b>	vapors may form flammable mixtures
<b>Explosion limit:</b>	lower: 0,8 Vol%* upper: 4,7 Vol%*
<b>Viscosity:</b>	not determined

\* Literature value

#### 9.2 Other information:

The specifications are approximate values and refer to the contents of the safety-related components.

### Section 10: Stability and reactivity

#### 10.1 Reactivity:

No hazardous reactions when stored and handled as directed.

#### 10.2 Chemical stability:

Flammable. Please store "wet" wipes in closed metal cans.

#### 10.3 Possibility of Hazardous Reactions:

Avoid exothermic reactions to prevent flammability.

#### 10.4 Conditions to avoid:

Hazardous decomposition products may be formed at high temperatures.

#### 10.5 Incompatible materials:

Do not bring into contact with strong oxidizing agents.

#### 10.6 Hazardous decomposition products:

See section 5.2. (Fire-fighting measures - Special hazards arising from the substance or mixture).



## Section 11: Toxicological information

### 11.1 Information on toxicological effects:

**Acute toxicity:**

Based on data, the classification criteria are not met.

**Acute oral toxicity:**

No data available for the mixture.

LD50° oral > 2000 mg/kg rat; LD50° dermal > 2000 mg/kg rat.

° Determined from the raw materials of the preparation.

**Skin corrosion/irritation:**

May be irritating to skin, rabbit, literature reference.

**Eye irritation:**

May be irritating to eyes, rabbit, literature reference.

**Serious eye damage/irritation:**

**Exposure to large amounts:**

Splashes in the eyes may cause mild irritation after drying and may sticking to the eye.

**Skin and respiratory sensitization:**

Based on data, the classification criteria are not met.

**Mutagenicity / reproductive toxicity / carcinogenicity:**

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

**Specific target organ toxicity (single exposure):**

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

**Specific target organ toxicity in case of repeated exposure:**

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

**Aspiration hazard:**

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

**Experience from own practice:**

No adverse health effects are known or expected from this paint preparation when handled appropriately and in accordance with normal industrial hygiene. Uppsala University (S); G. Wieslander, D. Norback, C. Edling: Polymer Paint Col. J. 184 (4357), 448 (1984)

### 11.2 Information on other hazards

**Endocrine disrupting properties**

Substance is not listed.



## Section 12: Ecological information

### 12.1 Toxicity:

No data are available for the finished preparation. According to long-term experience, environmental problems are not to be expected. Penetration into soil, water bodies and sewage systems must be prevented. Please observe the regulations of the local waste water authorities.

### 12.2 Persistence and degradability:

No information available on the mixture.

### 12.3 Bioaccumulative potential:

There is no evidence to suggest the occurrence of bioaccumulation.

### 12.4 Mobility in soil:

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment:

No information available on the mixture.

### 12.6 Other adverse effects:

#### Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods:

#### Disposal Product:

If further processing or recycling is not possible, dispose of in accordance with the respective local ordinances and regulations, e.g. landfill, incineration plant, suggestion: collection point for old paints and varnishes, e.g. recycling centre.

#### Solid paint residues:

AVV No. 08 01 12

Paint and varnish waste other than those mentioned in 08 01 11.

#### Liquid paint residues:

AVV-Nr. 08 01 20

Aqueous suspensions containing paints and varnishes other than those mentioned in 08 01 19.

#### Packaging:

AVV No. 15 01 07

Clean empty containers can be sent for reuse, recycling. Uncleaned empty containers are to be treated as ingredients.





## Section 14: Transport information

**14.1 UN number:** UN 1263

**14.2 Proper UN Shipping Name:**

DEKA-Transparent (Paint, IMO Class 3)

**14.3 Transport hazard classes:**

Dangerous goods according to ADR, Hazard label 3

IMDG - Code 3139

EMS No. 3-05

MFAG Table No. 310

Stowage; Category: A

**14.4 Packing group:** Packing group III

**14.5 Environmental hazards:**

For information on environmental hazards, where relevant, see 14.1 - 14.3.

**14.6 Special precautions for user:**

Protect from frost and heat. Keep separate from food and drink.

**14.7 Transport in bulk according to Annex II of the MARPOL Convention and according to the IBC Code:**

GGVSee: UN No. 1263 Paint IMO Class 3

IMDG - Code 3139

EMS No. 3-05

MFAG Table No. 310

Packaging 3

## Section 15: Regulatory information

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

**Water hazard class:**

1 (self-classification), slightly hazardous for water according to VwVwS.

GISCODE: M-VM01 Thinner, dearomatised; Ordinance on Flammable Liquids (VbF): All VBG 23: "Processing of paints".

M 004: "Irritants - Corrosives", BG Chemie

M 017: "Solvents" BG Chemie

M 053: "General occupational safety measures for handling hazardous substances"

**15.2 Chemical safety assessment:**

No chemical safety assessment has been carried out.



## Section 16: Other information

### Changes compared to the last version:

The current version contains 11.2 and 12.6 subsections.

The information is based on the current state of our knowledge but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

### Hazard statements referred to in sections 2 and 3:

GHS02 and GHS07: Caution

H226: Flammable liquid and vapour.  
H336: May cause drowsiness and dizziness.

### Precautionary statements:

P210: Keep away from heat / sparks / hot surfaces. Do not smoke.  
P243: Take precautionary measures against static discharges.  
P303 + P361 + P353:  
IF ON SKIN (or hair): Remove all contaminated or soiled clothing immediately.  
Wash skin with water / shower.  
P403 + P233: Keep container tightly closed and store in a well-ventilated place.  
P501: Dispose of contents/container in accordance with  
local/regional/national/international regulations.