

# Safety Data Sheet

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

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

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#### 1.1 Product identifier:

**Article description:** Ink cartridge  
**Group number:** 1529,4009; 1530,4009

#### 1.2. Relevant identified uses of the mixture and uses advised against

This product is a Ink used in printers and copiers.

##### **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

##### **Application of the mixture**

Ink for Inkjet

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

##### **Manufacturer:**

Name: KMP AG,  
Address: Pfarrer-Findl-Strasse 40, D-84307 Eggenfelden, Germany  
E-mail: info@kmp.com

#### 1.4 EMERGENCY TELEPHONE NUMBER:

+49 8721 773-60 Mo - Th 8:00 am to 5:00 pm Fr 8:00 am to 2:00 pm

### SECTION 2: Hazards identification

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#### 2.1. Classification of the mixture:

##### **Classification according to Regulation (EC) No 1272/2008**

The product is not classified as hazardous according to the CLP regulation.

##### **Additional information:**

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

#### 2.2 Label elements

##### **Labelling according to Regulation (EC) No 1272/2008**

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** Void

## 2.3 Other hazards

Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable

## SECTION 3: Composition/information on ingredients

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### 3.1 Mixtures

Description of the mixture: Mixture

Stoffname	CAS-Nr.	EG-Nr.	Konzentration %	Einstufung gemäß Verordnung (EG) Nr. 1272 [CLP]
Ink	---	---	---	Not classified

### Hazardous ingredients

Compound	CAS-Nr.	EG-Nr.	Concentration %	Classification according to the Directive (EG) Nr. 1272 [CLP]
1,5-Pentandiol	111-29-5	---	< 10	----
Glycerin	56-81-5	200-289-5	< 15	---
Triethylamin	121-44-8	204-469-4	< 0,3	Flam.Liq.2 H225 Acute Tox. 4, H302,H312, H332 Skin Corr. 1A, H314 Spezifischer Konzentrationsgrenzwert: STOT SE3, H335: C ≥ 1%
Farbstoff	Confidential	Confidential	< 30	---
Water	7732-18-5	---	< 60	---

### Additional information:

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

## SECTION 4: First aid measures

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### 4.1 Description of first aid measures

**General information:** Take off contaminated clothing.

**After inhalation:** Supply fresh air; consult doctor in case of symptoms.

**After skin contact:** Wash with plenty of soap and water. If skin irritation continues, consult a doctor.

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

**After swallowing:** Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

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

No further relevant information available.

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

Symptomatic treatment

### **SECTION 5: Firefighting measures**

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#### **5.1 Extinguishing media:**

##### **Suitable extinguishing agents**

Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray/fog.

**For safety reasons unsuitable extinguishing agents:** none

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

No further relevant information available.

#### **5.3 Advice for fire-fighters**

**Protective equipment:** No further relevant information available.

### **SECTION 6: Accidental release measures**

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

Do not breathe the vapors. Avoid contact with skin and eyes.

#### **6.2 Environmental precautions:** Do not allow the ink to reach sewage system or water bodies

#### **6.2 Methods and material for containment and cleaning up**

Collect mechanically. Dispose of the material collected according to regulations.

#### **6.4 Reference to other sections**

See Section 7 for information on safe handling and storage

See Section 8 for information on personal protection equipment.

See Section 13 for information on waste disposal.

### **SECTION 7: Handling and storage**

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#### **7.1 Precautions for safe handling**

Keep out of the reach of children. Keep away from excessive heat and protect from direct Sun light. Avoid long contact with the skin. Avoid contact with the eyes.

**Information about protection against explosions and fires:** Keep away from sources of ignition, don't inhale the vapours.

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

Store between +5 °C and +35°C. Protect from light.

**Requirements to be met by storerooms and containers:** Observe all local and national regulations for storage of water polluting products.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.

**7.3 Specific end uses:** No further relevant information available.

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

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### **8.1 Control parameters**

**Components with critical values that require monitoring at the workplace:**

The Product does not contain substances with explosion limit in the work place.

### **8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures**

Keep away from foodstuffs, beverages and food; Avoid close or long term contact with the skin; Avoid contact with the eyes; Wash hands during breaks and at the end of the work.

**Eye protection:** not available

**Breathing equipment:** Not available

**Protection of hands:** Not available

**Special protection equipment:** not available.

**Thermal danger:** Not available

**Hygienic measure:** Wash hands before a break or at the end of the working day.

## **SECTION 9: Physical and chemical properties**

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### **9.1 Information on basic physical and chemical properties**

**Appearance:**

**Form:** Liquid

**Colour:** Yellow

**Smell:** odourless

**Odour threshold:** not determined

<b>pH</b>	7 -10
<b>Melting point/range</b>	not determined
<b>Boiling point/range</b>	not determined
<b>Flash point</b>	not applicable
<b>Evaporation rate</b>	not determined
<b>Flammability (solid, gas)</b>	not classified as flammable solid
<b>Critical values for explosion:</b> <b>Upper explosive limits</b> <b>Lower explosive limits</b>	not determined not determined
<b>Vapour pressure</b>	not determined
<b>Vapour density</b>	not determined
<b>Relative density</b>	not determined
<b>Solubility(ies)</b>	insoluble
<b>Partition coefficient:</b>	not determined

<b>n-octanol/water</b>	
<b>Auto-ignition temperature</b>	not determined
<b>Decomposition temperature</b>	not determined
<b>Viscosity</b>	
<b>Viscosity, dynamic</b>	not determined
<b>Viscosity, cinematic</b>	not determined
<b>Explosive properties</b>	The product is not explosive

## 9.2 Other information:

No further relevant information available.

## SECTION 10: Stability and reactivity

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**10.1 Reactivity:** Not reactive

### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** none

**10.4 Conditions to avoid:** Too high or too low temperatures.

**10.5 Incompatible materials:** none

**10.6 Hazardous decomposition products:** No further relevant information available.

## SECTION 11: Toxicological information

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### 11.1 Information on toxicological effects

**Acute toxicity:** Based on the available data, the classification criteria of the Directive 1999/45/EC are not met.

#### **Primary irritant effect:**

##### **Skin corrosion/irritation**

Based on the available data, the classification criteria of the Directive 1999/45/EC are not met.

##### **Serious eye damage/irritation**

Based on the available data, the classification criteria of the Directive 1999/45/EC are not met.

##### **Respiratory or skin sensitisation**

Based on the available data, the classification criteria of the Directive 1999/45/EC are not met.

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

**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.

## **SECTION 12: Ecological information**

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- 12.1 Toxicity:**  
**Acquatic toxicity:** No further relevant information available.
- 12.2 Persistence and degradability:** No further relevant information available.
- 12.3 Bioaccumulative potential:** No further relevant information available.
- 12.4 Mobility in soil:** No further relevant information available.
- 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**

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- 13.1 Waste treatment methods**  
**Recommendation**  
Do not release in the seware system. Dispose accordingly to national and local directives.

## **SECTION 14: Transport information**

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- 14.1 UN-Number ADR, IMDG, IATA** Void
- 14.2 UN proper shipping name ADR, IMDG, IATA** Void
- 14.3 Transport hazard class(es) ADR, IMDG, IATA Class** Void
- 14.4 Packing group ADR, IMDG, IATA** Void
- 14.6 Special precautions for user** Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.  
**Transport/Additional information:** Not dangerous according to the above specifications.

## **SECTION 15: Regulatory information**

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- 15.1 Safety, health and environmental regulations/legislation specific for the mixture**  
**Directive 2012/18/EU**  
Not classified.
- 15.2 Chemical Safety Assessment:**  
A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **H- Phrases**

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H332: Harmful if inhaled.

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

### **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

AF Overall assessment factor