

Safety Data Sheet

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

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

1.1 Product identifier:

Article description: Ink cartridge
Group number: 1753,4006

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 PrintTechnik 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

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

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% |
| Pigment | 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

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

5.1 Extinguishing media:

Suitable extinguishing agents

Carbon dioxide (CO₂), 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

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

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

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

9.1 Information on basic physical and chemical properties

Appearance:

Form: Liquid

Colour: Magenta

Smell: odourless

Odour threshold: not determined

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

| | |
|--|----------------------------------|
| Auto-ignition temperature | not determined |
| Decomposition temperature | not determined |
| Viscosity Viscosity, dynamic Viscosity, cinematic | not determined not determined |
| Explosive properties | The product is not explosive |

9.2 Other information:

No further relevant information available.

SECTION 10: Stability and reactivity

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

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

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

13.1 Waste treatment methods

Recommendation

Do not release in the seware system. Dispose accordingly to national and local directives.

SECTION 14: Transport information

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

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

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- Frases

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