

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### *Product Identifier*

Product Name: Paint Thinner for Archäocoll 2000  
Article No.: 98501  
Use of the Substance/Preparation: Artists' and Restoration Material

### *Relevant identified Uses of the Substance or Mixture and Uses advised against*

Identified uses: No information available.

### *Details of the Supplier of the Safety Data Sheet*

Company: Kremer Pigmente GmbH & Co. KG  
Address: Hauptstrasse 41-47, D 88317 Aichstetten  
Tel/Fax: Tel +49 7565 914480, Fax +49 7565 1606  
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de  
Emergency No.: +49 7565 914480, Mon-Fri 8:00 - 17:00

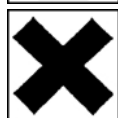
## 2. Hazard Identification

### *Classification according to EC Regulation No.1272/2008*

GHS Classification: Has not yet been classified.  
Hazardous components for labelling: Acetone

### *Classification according to EC Regulation No. 67/548 or No.1999/45*

Hazard designation:  F Flammable



Xi Irritating

Risk Phrases: R67 Vapours may cause drowsiness and dizziness.  
R66 Repeated exposure may cause skin dryness or cracking.  
R36 Irritating to eyes.

Safety Phrases: S09 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 3. Composition/Information on Ingredients

Hazardous Ingredients: 1-Methoxypropane-2-ol (R10-67; H226-336) 50 %  
CAS-Nr: 107-98-2 EINECS-Nr: 203-539-1 EC-Nr: 603-064-00-3  
Aceton (F,Xi; R11-36-66-67; H225-319-336) 50 %  
CAS-Nr: 67-64-1 EINECS-Nr: 200-662-2 EC-Nr: 606-001-00-8

## 4. First Aid Measures

### *Description of the First Aid Measures*

After inhalation: Take affected person to fresh air.

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|                     |  |
|---------------------|--|
| After inhalation:   | In case of unconsciousness place patient stable in side position for transportation.<br>Give artificial respiration in case breathing is not regular or if it has stopped. |
| After skin contact: | Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.  |
| After eye contact:  | Rinse open eyes with plenty of water for at least 15 minutes.<br>Consult a physician immediately.  |
| After ingestion:    | Rinse mouth with water and drink plenty of water.<br>Never give anything by mouth to an unconscious person.<br>Do NOT induce vomiting.                                     |

## 5. Fire-Fighting Measures

### *Extinguishing Media*

|                                 |   |
|---------------------------------|---|
| Suitable extinguishing media:   | Water mist, extinguishing powder, foam, carbon dioxide. |
| Unsuitable extinguishing media: | Water with full jet.                                    |

### *Special Hazards arising from the Substance or Mixture*

|                  |  |
|------------------|--|
| Special hazards: | The vapor is heavier than air, spreads along the ground and distant ignition is possible.<br>Fumes can form an explosive mixture with air. |
|------------------|--|

### *Advice for Firefighters*

|                       |  |
|-----------------------|--|
| Protective equipment: | Wear self-contained respiratory protective device and full protective gear.  |
| Further information:  | Cool exposed containers with water mist.<br>Heat leads to an increase in pressure: risk of bursting.<br>Collect contaminated extinguishing water and debris separately;<br>avoid contamination of sewage system. |

## 6. Accidental Release Measures

### *Personal Precautions, Protective Equipment and Emergency Procedures*

|   |   |
|---|---|
| Personal precautions:                                 | Wear appropriate protective equipment. Keep spectators away.<br>Provide adequate ventilation. Keep away from sources of ignition.<br>Avoid contact with skin and eyes. Do not ingest or inhale. |
| Environmental precautions:                            | Prevent contamination of soils, drains and surface water.<br>Contact local authorities if product pollutes soil or vegetation.  |
| Methods and material for containment and cleaning up: | Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.   |

## 7. Handling and Storage

### *Precautions for Safe Handling*

|   |  |
|---|--|
| Instructions on safe handling:                | Keep containers tightly closed.<br>Provide adequate ventilation.<br>Do not breathe vapors, spray or gas. |
| Information on fire and explosion protection: | Keep away from sources of ignition - do not smoke.   |

Information on fire and explosion protection: Take measures to prevent static electricity discharge, earth/ground all equipment.  
Use only in explosion protective area. Extinguish any naked flames. No not smoke. Remove ignition sources. Avoid sparks. Ensure electrical continuity by bonding and grounding (earthing) all equipment.

*Conditions for Safe Storage, including any Incompatibilities*

Storage conditions: Store in tightly sealed containers in a dry and cool room.

Protect against heat and direct sunlight.

Requirements for storage areas and containers: Store in a room with a solvent-proof floor.

Suitable container material: steel or stainless steel.

Storage compatibility: Do not store together with: foodstuffs, beverages and feed.

Do not store together with: oxidants.

Storage class (VCI): 3: Flammable liquids

## 8. Exposure Controls/Personal Protection

Technical protective measures: Ensure adequate ventilation, especially in confined areas.  
Facilities storing or utilizing this material should be equipped with an eyewash facility.

Parameters to be controlled (DE): Aceton, CAS 67-64-1; TRGS 900: 500 ppm / 1200 mg/m<sup>3</sup>  
1-Methoxy-2-propanol, CAS 107-98-2: AGW (D): 370 mg/m<sup>3</sup>, 100 ml/m<sup>3</sup>; 2(I); DFG; Y

Parameters to be controlled (EC): Aceton: TWA (EU ELV): 500 ppm / 1210 mg/m<sup>3</sup>  
1-Methoxy-2-propanol (CAS 107-98-2): IOELV (EU): Short term value: 568 mg/m<sup>3</sup>, 150 ml/m<sup>3</sup>; Longterm value: 375 mg/m<sup>3</sup>; 100 ml/m<sup>3</sup>; skin.

*Personal Protective Equipment*

General protective measures: Avoid contact with eyes and skin.  
Remove contaminated clothing immediately.  
Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection: Respiratory equipment required in case of insufficient ventilation.  
Filter type AX-P2 (organic vapors, particles).

Hand protection: Protective gloves (EN 374)

Protective glove material: Butyl rubber (480 min; 0.5 mm).

Eye protection: Tightly fitting safety goggles.

Body protection: Protective clothing, chemical resistant.

Environmental precautions: Avoid contamination of sewage system, open water ways and ground water.

## 9. Physical and Chemical Properties

*Information on Basic Physical and Chemical Properties*

Form: liquid  
Color: clear  
Odor: alcohol-like

|                        |  |
|------------------------|--|
| Odor threshold:        | No information available.  |
| Melting temperature:   | not available  |
| Boiling temperature:   | not available  |
| Flash point:           | not available  |
| Evaporation rate:      | No information available.  |
| Ignition temperature:  | not available  |
| Auto-ignition:         | No information available.  |
| Thermal decomposition: | No data available.   |
| Explosion risk:        | Product is not explosive; however, an explosive vapor/air mixture can be formed. |
| Vapor pressure:        | not determined   |
| Density:               | not available  |
| Bulk density:          | not determined   |
| Solubility in water:   | miscible   |
| pH-Value:              | not determined   |
| Viscosity dynamic:     | not available  |
| Oxidizing properties:  | No information available.  |

## 10. Stability and Reactivity

|                                   |   |
|-----------------------------------|---|
| Reactivity:                       | No information available.                             |
| Chemical stability:               | No decomposition if used according to specifications. |
| Hazardous reactions:              | No information available.                             |
| Conditions to avoid:              | Avoid heat and sources of ignition.                   |
| Incompatible materials:           | Keep away from strong oxidizing and reducing agents.  |
| Hazardous decomposition products: | In case of fire: formation of carbon oxides.          |

## 11. Toxicological Information

### *Acute Toxicity*

|                   |                                     |
|-------------------|-------------------------------------|
| LD50, oral:       | Aceton: 5800 mg/kg (rat)            |
| LD50, dermal:     | Aceton: 20000 mg/kg (rabbit)        |
| LD50, inhalation: | Aceton: LC50: ca. 76 mg/l (4h; rat) |

### *Primary effects*

|                                |  |
|--------------------------------|--|
| Irritant effect on skin:       | Continuous contact can cause brittle and cracked skin.   |
| Irritant effect on eyes:       | Irritating effect (rabbit).<br>Product may injure the cornea.  |
| Inhalation:                    | Can cause irritation of the respiratory system.  |
| Sensitization:                 | No sensitizing effect (guinea pig).  |
| Further toxicological effects: | Inhalation: Long-term overexposure may cause headache, dizziness, fatigue, muscle weakness, drowsiness and in extreme cases loss of consciousness.<br>Repeated or long-term contact with the product can cause dermatitis.<br>Inhalation: Long-term overexposure may cause tiredness, headache and rhinitis.<br>The data is based on those of acetone. |

## 12. Ecological Information

|                                     |  |
|-------------------------------------|--|
| Persistency and Degradability:      | Readily biodegradable.   |
| Bioaccumulation:                    | No bioaccumulation.  |
| Mobility:                           | No information available.  |
| <i>Ecological effects</i>           |  |
| Aquatic toxicity:                   | :  |
|                                     | Aceton   |
| - Fish toxicity:                    | LC50: 5540 mg/l (96h, Oncorhynchus mykiss)   |
| - Daphnia toxicity:                 | LC50: 12600 mg/l (48h, Daphnia magna)  |
| - Bacteria toxicity:                | NOEC: 1700 mg/l (16h; Pseudomonas putida)  |
| - Algae toxicity:                   | NOEC: 4740 mg/l (48h; Pseudokirchneriella subcapitata)                                       |
| Results of PBT and vPvB assessment: | This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance. |
| <i>Further information</i>          |  |
| Water hazard class:                 | 1  |

## 13. Disposal Considerations

### *Waste Treatment Methods*

|                      |  |
|----------------------|--|
| Product:             | Contact a licensed professional waste disposal service to dispose of this product. |
| Uncleaned packaging: | Uncontaminated packaging may be recycled.  |

## 14. Transport Information

### *Road Transportation ADR/RID*

|                         |        |
|-------------------------|--------|
| Class:                  | 3      |
| Packaging group:        | II     |
| UN No.:                 | 1090   |
| Classification code:    | F1     |
| Tunnel No.:             | D/E    |
| Hazard No.:             | 3      |
| Correct technical name: | ACETON |

### *Sea transportation*

|                         |          |
|-------------------------|----------|
| IMDG/GGVSee Class:      | 3        |
| Packaging group:        | II       |
| UN No.:                 | 1090     |
| EmS No.:                | F-E, S-D |
| Hazard No.:             | 3        |
| Correct technical name: | ACETON   |

### *Air transportation*

|                  |      |
|------------------|------|
| ICAO/IATA Class: | 3    |
| Packaging group: | II   |
| UN No.:          | 1090 |
| Hazard No.:      | 3    |

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Correct technical name: ACETON

## 15. Regulatory Information

*Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture*

Local regulations on chemical accidents: Underlies the Accident Ordinance 7b, highly flammable

Employment restrictions: The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.  
The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline (94/85/EEC) are to be observed.

Water hazard class: 1, slightly hazardous for water

*Chemical Safety Assessment*

Chemical safety assessment: A Chemical Safety Assessment has not yet been carried out for this product.

## 16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.