

Trade name: einzA Pinselreiniger

Product no.: 0079600

Current version : 2.0.1, issued: 14.03.2023

Replaced version: 2.0.0, issued: 12.04.2022

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name

einzA Pinselreiniger**1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

decorative paints/finishes

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

einzA Farben GmbH & Co KG

Junkersstraße 13

30179 Hannover

Telephone no. +49 (0)511 67490-0

Fax no. +49 (0)511 67490-20

e-mail info@einzA.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Asp. Tox. 1; H304

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statement(s)

H304 May be fatal if swallowed and enters airways.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

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Precautionary statement(s)

| | |
|-----------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P331 | Do NOT induce vomiting. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to a facility in accordance with local and national regulations. |

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

| No | Substance name | | Additional information | |
|----|--|-------------------------------------|------------------------|-----|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | % |
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | |
| | - 918-481-9 - 01-2119457273-39 | Asp. Tox. 1; H304 EUH066 | >= 70.00 - < 90.00 | wt% |
| 2 | (2-METHOXYMETHYLETHOXY)PROPANOL | | | |
| | 34590-94-8 252-104-2 - 01-2119450011-60 | - | >= 10.00 - < 25.00 | wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

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No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Due to the organic solvents' content of the mixture: Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flattening] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

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Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

| No | Substance name | CAS no. | EC no. |
|----|---|------------|--------------------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 | 252-104-2 |
| | 2000/39/EC | | |
| | (2-Methoxymethylethoxy)-propanol | | |
| | WEL long-term (8-hr TWA reference period) | 308 | mg/m ³ 50 ppm |
| | Skin resorption / sensibilisation | Skin | |
| | List of approved workplace exposure limits (WELs) / EH40 | | |
| | (2-Methoxymethylethoxy) propanol | | |
| | WEL long-term (8-hr TWA reference period) | 308 | mg/m ³ 50 ppm |
| | Comments | Sk | |

8.2 Exposure controls

Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. In case of brush application: Filter A2. When applied by spraying: Filter A2P2. (DIN EN 14387)

Eye / face protection

Wear safety goggles to protect against splashes. Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

| | | | |
|----------------------|---|-----|-----|
| Appropriate Material | In case of short-term contact / splash protection: nitrile rubber | | |
| Material thickness | > | 0.4 | mm |
| Breakthrough time | > | 120 | min |
| Appropriate Material | In case of prolonged exposure: nitrile rubber | | |
| Material thickness | > | 0.4 | mm |
| Breakthrough time | > | 480 | min |

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | | |
|--|------------|-----|------------------------|
| State of aggregation | | | |
| liquid | | | |
| Form | | | |
| liquid | | | |
| Colour | | | |
| according to product name | | | |
| Odour | | | |
| characteristic | | | |
| pH value | | | |
| No data available | | | |
| Boiling point / boiling range | | | |
| Value | appr. | 100 | °C |
| Melting point/freezing point | | | |
| No data available | | | |
| Decomposition temperature | | | |
| No data available | | | |
| Flash point | | | |
| Value | > | 60 | °C |
| Method | closed cup | | |
| Ignition temperature | | | |
| No data available | | | |
| Oxidising properties | | | |
| Not applicable | | | |
| Flammability | | | |
| Not applicable | | | |
| Lower explosion limit | | | |
| No data available | | | |
| Upper explosion limit | | | |
| No data available | | | |
| Vapour pressure | | | |
| Value | < | 100 | hPa |
| Reference temperature | | 50 | °C |
| Relative vapour density | | | |
| No data available | | | |
| Relative density | | | |
| No data available | | | |
| Density | | | |
| Value | 0.84 | - | 0.86 g/cm ³ |
| Reference temperature | | 20 | °C |
| Method | DIN 51757 | | |
| Solubility in water | | | |
| Comments | immiscible | | |
| Solubility | | | |
| No data available | | | |
| Partition coefficient n-octanol/water (log value) | | | |

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| No | Substance name | CAS no. | EC no. |
|----|--|---------|-----------|
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| | log Pow | 3.17 | - 7.22 |
| | Method | QSAR | |
| | Source | ECHA | |

Kinematic viscosity

No data available

Solvent separation test

Not applicable

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Stable under recommended storage and handling conditions (See section 7).

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| Acute oral toxicity | | | |
|---------------------|--|---|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| | LD50 | > 15000 | mg/kg bodyweight |
| | Species | rat | |
| | Method | OECD 401 | |
| | Source | ECHA | |
| | Evaluation/classification | Based on available data, the classification criteria are not met. | |

Acute dermal toxicity

No data available

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

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No data available

Germ cell mutagenicity

| No | Substance name | CAS no. | EC no. |
|---------------------------|--|---|-----------|
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| Type of examination | | in vitro gene mutation study in bacteria | |
| Species | | S. typhimurium TA 1535, TA 1537, TA 98 and TA 100S. typhimurium TA 1535, TA 1537, TA 98, TA 100, TA 102 | |
| Method | | OECD 471 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Route of exposure | | oral | |
| Type of examination | | In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus | |
| Species | | mouse | |
| Method | | OECD 474 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

| No | Substance name | CAS no. | EC no. |
|---------------------------|--|---|------------|
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| Route of exposure | | oral | |
| NOAEL | | >= 500 | mg/kg bw/d |
| Species | | rat | |
| Method | | OECD 408 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

Aspiration hazard

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

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Toxicity to fish (acute)

No data available

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No data available

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

| No | Substance name | CAS no. | EC no. |
|----|--|---------|-----------|
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| | log Pow | 3.17 | - 7.22 |
| | Method | QSAR | |
| | Source | ECHA | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

| | |
|-----------------|---|
| PBT assessment | The components of this product are not considered to be a PBT. |
| vPvB assessment | The components of this product are not considered to be a vPvB. |

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information**Other information**

Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste code 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

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SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

| | |
|--|------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | No 3 |
|--|------|

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

| | | |
|-------------|-------|---|
| VOC content | 86.00 | % |
|-------------|-------|---|

National regulations

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Creation of the safety data sheet

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Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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Prod-ID 776068