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

### 1.1 Product identifier

**Trade name**

**einzA mix Lawinol, Basis 2 hochglänzend**
**UFI:**
**7RRC-314M-J00Y-SSCS**

### 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

**Information provided by / telephone**
In emergencies, the country-specific emergency number can be found in the corresponding country-specific safety data sheets.

**Advice on Safety Data Sheet**
sdb_info@umco.de

### 1.4 Emergency telephone number

+49 (0)40 0511 - 674 90-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**
Flam. Liq. 3; H226
STOT SE 3; H336

**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**


GHS02


GHS07

**Signal word**
Warning

**Hazardous component(s) to be indicated on label:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Hazard statement(s)**

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H336 | May cause drowsiness or dizziness. |

**Hazard statements (EU)**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH208 | Contains phthalic-anhydride. May produce an allergic reaction. |

**Precautionary statement(s)**

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P370+P378 | In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to a facility in accordance with local and national regulations. |

**UFI:**
7RRC-314M-J00Y-SSCS

### 2.3 Other hazards

The product does not contain any components > 0.1% that meet the criteria for PBT and vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, or that have been included in the list compiled in accordance with Article 59(1). This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 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, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | | | |
| | 64742-48-9<br>919-857-5<br>649-327-00-6<br>01-2119463258-33 | Flam. Liq. 3; H226<br>Asp. Tox. 1; H304<br>STOT SE 3; H336<br>EUH066 | >= 25,00 - < 50,00 | wt% |
| 2 | **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics** | | | |
| | -<br>918-481-9<br>-<br>01-2119457273-39 | Asp. Tox. 1; H304<br>EUH066 | < 5,00 | wt% |
| 3 | **phosphoric acid salt** | | | |
| | -<br>-<br>-<br>- | Eye Irrit. 2; H319<br>Skin Irrit. 2; H315 | < 2,50 | wt% |
| 4 | **phthalic-anhydride** | | | |

| | | | | |
|---|---|---|---|---|
| | 85-44-9<br>201-607-5<br>607-009-00-4<br>- | Acute Tox. 4*; H302<br>Eye Dam. 1; H318<br>Resp. Sens. 1; H334<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>STOT SE 3; H335 | < 0,50 | wt% |

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.
(*,**,***,****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|---|---|---|---|---|
| 1 | P | - | - | - |

Full text for the notes: pls. see section 16 “Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)”.

## 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
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
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Do not allow to enter drains/watercourses/soil.

### 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**
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. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. 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]/[flatting] 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. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. 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; Storage in accordance with the Ordinance on Industrial Safety and Health. 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.

**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.

**Stoarge Class according TRGS 510**
3 Flammable liquids

### 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 | **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics** | | **918-481-9** |
| | **TRGS 900** | | |
| | Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei: C9-C15 Aliphaten | | |
| | WEL long-term (8-hr TWA reference period) | 600 mg/m³ | |
| | Ceiling Limit | 2 (II) | |
| 2 | **n-hexane** | **110-54-3** | **203-777-6** |
| | **TRGS 900** | | |
| | n-Hexan | | |
| | WEL long-term (8-hr TWA reference period) | 180 mg/m³ | 50 ml/m³ |
| | Ceiling Limit<br>Notes | 8(II)<br>Y | |
| | **2006/15/EC** | | |
| | n-Hexane | | |
| | WEL long-term (8-hr TWA reference period) | 72 mg/m³ | 20 ppm |

**Biological limit values**

| No | Substance name | |
|---|---|---|
| 1 | **n-hexane** | |
| | **TRGS 903** | |
| | Hexan (n-Hexan) | |
| | parameter | 2,5-Hexandion plus 4,5-Dihydroxy-2-hexanon (nachHydrolyse) |
| | Value | 5 mg/l |
| | Comments<br>sample material<br>Sampling moment | DFG<br>U<br>b |

**DNEL, DMEL and PNEC values**

**DNEL values (worker)**

| No | Substance name | | | CAS / EC no | |
|---|---|---|---|---|---|
| | **Route of exposure** | **Exposure time** | **Effect** | **Value** | |
| 1 | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | | | **64742-48-9<br>919-857-5** | |
| | dermal | Long term (chronic) | systemic | 77 | mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 871 | mg/m³ |

**DNEL value (consumer)**

| No | Substance name | | | CAS / EC no | |
|---|---|---|---|---|---|
| | **Route of exposure** | **Exposure time** | **Effect** | **Value** | |
| 1 | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | | | **64742-48-9<br>919-857-5** | |
| | oral | Long term (chronic) | systemic | 46 | mg/kg/day |
| | dermal | Long term (chronic) | systemic | 46 | mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 185 | mg/m³ |

## 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 googles 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.

## 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** |
|---|
| like solvents |

| **pH value** | |
|---|---|
| reason for missing pH | substance/mixture is non-soluble (in water) |

| **Boiling point / boiling range** | | | | |
|---|---|---|---|---|
| Value | > | 120 | °C | |
| Reference substance | solvent mixture | | | |

| **Melting point/freezing point** |
|---|
| No data available |

| **Decomposition temperature** |
|---|
| No data available |

| **Flash point** | | | | | |
|---|---|---|---|---|---|
| Value | 40 | - | 45 | °C | |
| Method | closed cup | | | | |

| **Ignition temperature** | | | |
|---|---|---|---|
| Value | > | 200 | °C |
| Reference substance | solvent mixture | | |

| **Oxidising properties** |
|---|

| |
|---|
| Not applicable |

| **Flammability** |
|---|
| Not applicable |

| **Lower explosion limit** | | | |
|---|---|---|---|
| Value | > | 0,6 | % vol |
| Reference substance | solvent mixture | | |

| **Upper explosion limit** | | | |
|---|---|---|---|
| Value | < | 7,5 | % vol |
| Reference substance | solvent mixture | | |

| **Vapour pressure** | | | |
|---|---|---|---|
| Value | < | 100 | hPa |
| Reference temperature | | 50 | °C |
| Reference substance | solvent mixture | | |

| **Relative vapour density** |
|---|
| No data available |

| **Relative density** |
|---|
| No data available |

| **Density** | | | | |
|---|---|---|---|---|
| Value | 0,85 | - | 1,08 | g/cm³ |
| Reference temperature | | | 20 | °C |
| Method | DIN 51757 | | | |

| **Solubility in water** | |
|---|---|
| Comments | immiscible |

| **Solubility** |
|---|
| No data available |

| **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 | | | | |

| **Kinematic viscosity** | | | | |
|---|---|---|---|---|
| Value | 48 | - | 50 | sec |
| Reference temperature | | | 20 | °C |
| Method | DIN EN 2431 (6 mm) | | | |

| **Solvent separation test** | | | |
|---|---|---|---|
| Value | < | 3 | % |
| Reference temperature | | 20 | °C |

| **Particle characteristics** |
|---|
| No data available |

| **Microplastics** |
|---|
| This product does not contain synthetic polymer microparticles >= 0.01%. |

### 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, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| LD50 | > 5000 mg/kg bodyweight | | |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| **2** | **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** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| LD50 | > 2000 mg/kg bodyweight | | |
| Species | rabbit | | |
| Method | OECD 402 | | |
| Source | ECHA | | |

| **Acute inhalational toxicity** |
|---|
| No data available |

| **Skin corrosion/irritation** | | | |
|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| Species | rabbit | | |
| Method | OECD 404 | | |
| Source | ECHA | | |
| Evaluation | non-irritant | | |

| **Serious eye damage/irritation** | | | |
|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| Species | rabbit | | |
| Method | OECD 405 | | |
| Source | ECHA | | |

| | |
|---|---|
| Evaluation | non-irritant |

| **Respiratory or skin sensitisation** | | | |
|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| Route of exposure | Skin | | |
| Species | guinea pig | | |
| Method | OECD 406 | | |
| Source | ECHA | | |
| Evaluation | non-sensitizing | | |

| **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

| Toxicity to fish (acute) | | | | |
|---|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | | **919-857-5** |
| LL50 | > | 1000 | mg/l | |
| Duration of exposure | | 96 | h | |
| Species | Rainbow trout | | | |
| Method | OECD 203 | | | |
| Source | ECHA | | | |

| Toxicity to fish (chronic) |
|---|
| No data available |

| Toxicity to Daphnia (acute) | | | | |
|---|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | | **919-857-5** |
| EL50 | > | 1000 | mg/l | |
| Duration of exposure | | 48 | h | |
| Species | Daphnia magna | | | |
| with reference to | WAF (water accommodated fractions) | | | |
| Method | OECD 202 | | | |
| Source | ECHA | | | |

| Toxicity to Daphnia (chronic) |
|---|
| No data available |

| Toxicity to algae (acute) | | | | |
|---|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | | **919-857-5** |
| EL50 | > | 1000 | mg/l | |
| Duration of exposure | | 72 | h | |
| Species | Pseudokirchneriella subcapitata | | | |
| with reference to | WAF (water accommodated fractions) | | | |
| Method | OECD 201 | | | |
| Source | ECHA | | | |

| Toxicity to algae (chronic) |
|---|
| No data available |

| Bacteria toxicity |
|---|
| No data available |

### 12.2 Persistence and degradability

| Biodegradability | | | |
|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **64742-48-9** | **919-857-5** |
| Method | OECD 301 F | | |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |

### 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 | | | |
|---|---|---|---|
| **No** | **Substance name** | **CAS no.** | **EC no.** |
| **1** | **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics** | **-** | **918-481-9** |
| PBT assessment | The substance is not PBT. | | |
| vPvB assessment | The substance is not vPvB. | | |
| Source | ECHA | | |

### 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.
Allow paint/varnish to dry out completely in a well-ventilated area and dispose of in residual waste once completely soldified. Dispose of liquid or non-drying residues separately.
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.

## SECTION 14: Transport information

### 14.1 UN number or ID number

| | |
|---|---|
| **ADR/RID/ADN** | UN1263 |
| **IMDG** | UN1263 |
| **ICAO-TI / IATA** | UN1263 |

### 14.2 UN proper shipping name

| | |
|---|---|
| **ADR/RID/ADN** | PAINT |
| **IMDG** | PAINT |
| **ICAO-TI / IATA** | Paint |

### 14.3 Transport hazard class(es)

| | |
|---|---|
| **ADR/RID/ADN - Class** | 3 |
| Label | 3 |
| Classification code | F1 |
| Tunnel restriction code | D/E |
| Hazard identification no. | 30 |
| Comments (ADR/RID/ADN) | Containers with a capacity <= 450 ltrs are not subject to ADR-regulations (refer to 2.2.3.1.5.) |
| **IMDG - Class** | 3 |
| Label | 3 |
| Comments (IMDG) | Containers with a capacity <= 450 ltrs are not subjected to IMDG regulations, chapter 4.1, 5.2 and 6.1 (see IMDG-Code 2.3.2.5) |
| **ICAO-TI / IATA - Class** | 3 |
| Label | 3 |

### 14.4 Packing group

| | |
|---|---|
| **ADR/RID/ADN** | III |
| **IMDG** | III |
| **ICAO-TI / IATA** | III |

### 14.5 Environmental hazards

EmS F-E+S-E

### 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, 40 |
| The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | |

| No | Substance name | CAS no. | EC no. | No |
|---|---|---|---|---|
| 1 | 2-(2-butoxyethoxy)ethanol | 112-34-5 | 203-961-6 | 75 |
| 2 | 2-methylpentane-2,4-diol | 107-41-5 | 203-489-0 | 75 |
| 3 | phosphoric acid | 7664-38-2 | 231-633-2 | 75 |
| 4 | phthalic-anhydride | 85-44-9 | 201-607-5 | 75 |
| 5 | propylene carbonate | 108-32-7 | 203-572-1 | 75 |
| 6 | titanium dioxide | 13463-67-7 | 236-675-5 | 75 |

| **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances** | |
|---|---|
| This product is subject to Part I of Annex I, risk category: | P5c |

| **Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)** | |
|---|---|
| VOC content | 36,51 % |

| **Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products** |
|---|
| relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE , Cat. : i, type: Ib = 500 g/l<br>Max. VOC content (limit value) of the product in its ready for use condition = < 500 g/l |

**National regulations**

**Water Hazard Class (Germany)**

| | |
|---|---|
| Class | 1 |
| Source | Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water). |

**Other regulations**

| | | |
|---|---|---|
| GISCODE | BSL20 | Covering agents, solvent based, free of aromatic substances, labeled |

**Other national regulations**
Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment. For example, TRGS (Technical Rules for Hazardous Substances) and the DGUV (German Social Accident Insurance) rules.

### 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.
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.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |

**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.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

| | |
|---|---|
| P | The harmonised classification as a carcinogen applies unless the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen, in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class. |

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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.

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