



Das Original

# Anaerobe Dichtstoffe eco-friendly

## Safety Data Sheet

according to Gulf Standard GSO 2654:2021

Date of issue: 14.06.2024  
Revision date: 22.08.2025  
Version: 2.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Anaerobe Dichtstoffe eco-friendly  
EL-Add 48, EL-Fil 77, EL-Liq 73, EL-Liq 74, EL-Loc 43, EL-Loc 70  
Product code : EL-Add 48: 954.030 (50 ml)  
EL-Fil 77: 954.020 (50 ml)  
EL-Liq 73: 777.792 (50 ml)  
EL-Liq 74: 461.682 (50 ml)  
EL-Loc 43: 700.501 (10 ml), 954.000 (50 ml)  
EL-Loc 70: 700.521 (10 ml), 954.010 (50 ml)

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/mixture : Sealants

##### 1.2.2. Uses advised against

No additional information available

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

##### Manufacturer

ElringKlinger AG  
Max-Eyth-Straße 2  
72581 Dettingen/Erms - Germany  
T +49 (0)7123 724 799  
[det.iam.sdb@elringklinger.com](mailto:det.iam.sdb@elringklinger.com)

##### Supplier

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: [sds@dlac-gmbh.de](mailto:sds@dlac-gmbh.de)

#### 1.4. Emergency telephone number

24-hour emergency contact number : +1 872 5888271 (EKA)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Classification according to UN-GHS (Seventh revised edition, 2017) and Gulf Standard GSO 2654:2021

Not classified

##### Adverse physicochemical, human health and environmental effects

Not expected to present a significant hazard under anticipated conditions of normal use.

#### 2.2. Label elements

Labelling according to UN-GHS (Seventh revised edition, 2017) and Gulf Standard GSO 2654:2021

No labelling applicable

#### 2.3. Other hazards

Does not contain substance(s) classified as PBT or vPvB in concentrations above 0.1 %.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                   | %    | Chemical Abstracts Service (CAS) Registry Number | Classification          |
|------------------------|------|--------------------------------------------------|-------------------------|
| Oxydipropyl dibenzoate | < 15 | 27138-31-4                                       | Aquatic Chronic 3, H412 |
| Titanium dioxide       | < 1  | 13463-67-7                                       | Carc. 2, H351           |

##### Other relevant ingredients:

| Name            | Chemical Abstracts Service (CAS) Registry Number | Classification |
|-----------------|--------------------------------------------------|----------------|
| Silicon dioxide | 7631-86-9                                        | Not classified |



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Full text of H-phrases: see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Call a doctor if you feel unwell (if possible, show him the product label). Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Remove/Take off all contaminated clothing and shoes. Wash with plenty of soap and water.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Drink water as a precaution.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder. Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Silicon oxides. Hydrogen fluoride. Nitrogen oxides. Sulfur oxides.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

### SECTION 6: Accidental release measures

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

General measures : Provide adequate ventilation. Do not breathe vapours. Special danger of slipping by leaking/spilling product.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. For further information refer to section 8.

#### 6.2. Environmental precautions

Avoid release to the environment. All necessary measures must be taken to avoid the product getting into drains or waterways, if containers or transportation systems are broken.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Keep in a container with an identification label and dispose of safely. Dispose of contaminated materials in accordance with applicable laws.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid breathing vapours, spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. When using do not eat, drink or smoke.

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

Storage conditions : Store in original container. Keep container tightly closed. Store in a cool, well-ventilated place. Protect from moisture. Protect from heat and direct sunlight.



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Storage temperature : < 20 °C  
Prohibitions on mixed storage : Keep away from food, drink and animal feedingstuffs.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Titanium dioxide (13463-67-7) |                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local name                    | Titanium dioxide<br>(ثاني أكسيد التيتانيوم)                                                                                                             |
| TLV TWA (mg/m <sup>3</sup> )  | 10 mg/m <sup>3</sup>                                                                                                                                    |
| Legal reference               | The GCC Unified Guidelines for Hazardous Chemical Substances Management, © 2021, Cooperation Council for the Arab States of the Gulf, Secretary General |

| Silicon dioxide (7631-86-9)  |                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local name                   | Silica (inhalable particulate)<br>(سيليكا (جزئيات مستنشقة))                                                                                             |
| TLV TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup>                                                                                                                                    |
| Local name                   | Silica (respirable particulate)<br>(سيليكا (جسيمات متنفسة))                                                                                             |
| TLV TWA (mg/m <sup>3</sup> ) | 3 mg/m <sup>3</sup>                                                                                                                                     |
| Legal reference              | The GCC Unified Guidelines for Hazardous Chemical Substances Management, © 2021, Cooperation Council for the Arab States of the Gulf, Secretary General |

### 8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapour concentrations.  
Hand protection : Wear suitable gloves (EN 374 or equivalent). Nitrile rubber, > 0.56 mm.  
Eye protection : Chemical goggles (EN ISO 16321 or equivalent).  
Skin and body protection : Wear suitable protective clothing (EN 14605 / EN 13982 or equivalent).  
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Filter type P2 (EN 14387 or equivalent).

## SECTION 9: Physical and chemical properties

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

Appearance : Liquid. Colour: Varying, depends on colouring.  
Physical state : Liquid.  
Colour : Varying, depends on colouring  
Odour : Characteristic  
pH : No data available  
Melting point/range : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : > 60 °C  
Evaporation rate : No data available  
Flammability (solid, gas) : No data available  
Upper/lower flammability or explosive limits : No data available  
Vapour pressure : No data available  
Vapour density : No data available  
Relative density : No data available  
Solubility(ies) : No data available  
Partition coefficient n-octanol/water (log value) : Not applicable  
Auto-ignition temperature : Not applicable  
Decomposition temperature : No data available  
Viscosity : No data available  
Explosive properties : None  
Oxidising properties : None

### 9.2. Other information

No additional information available



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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Exothermic polymerization may occur.

#### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

#### 10.3. Possibility of hazardous reactions

None under normal use.

#### 10.4. Conditions to avoid

High temperature.

#### 10.5. Incompatible materials

Acids, peroxides, copper, strong oxidizing agents.

#### 10.6. Hazardous decomposition products

In case of fire: Carbon dioxide. Carbon monoxide. Silicon oxides. Hydrogen fluoride. Nitrogen oxides. Sulfur oxides.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified  
Based on available data, the classification criteria are not met

| Oxydipropyl dibenzoate (27138-31-4) |                |
|-------------------------------------|----------------|
| LD50 oral rat                       | 3914 mg/kg     |
| LD50 dermal rat                     | > 2000 mg/kg   |
| LC50 inhalation rat                 | > 200 mg/l/4 h |

Skin corrosion/irritation : Not classified  
Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified  
Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified  
Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified  
Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure) : Not classified  
Based on available data, the classification criteria are not met

Aspiration hazard : Not classified  
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Not classified

| Oxydipropyl dibenzoate (27138-31-4) |                                         |
|-------------------------------------|-----------------------------------------|
| LC50 fish                           | 3.7 mg/l 96 h, Pimephales promelas      |
| EL50 daphnia                        | 19.3 mg/l 48 h, Daphnia magna           |
| EL50 algae                          | 4.9 mg/l 72 h, Raphidocelis subcapitata |
| NOEC daphnia                        | 5.6 mg/l 21 d, Daphnia magna            |



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### Oxydipropyl dibenzoate (27138-31-4)

|             |                                       |
|-------------|---------------------------------------|
| NOELR algae | 1 mg/l 72 h, Raphidocelis subcapitata |
|-------------|---------------------------------------|

#### 12.2. Persistence and degradability

##### Oxydipropyl dibenzoate (27138-31-4)

|                               |                                 |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable.          |
| Biodegradation                | 87 %, 29 d (EPA OPPTS 835.3110) |

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

Does not contain substance(s) classified as PBT or vPvB in concentrations above 0.1 %.

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Empty the packaging completely prior to disposal. When totally empty, containers are recyclable like any other packing. Do not dispose of with domestic waste.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |

#### 14.5. Environmental hazards

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Dangerous for the environment | : No                                      |
| Marine pollutant              | : No                                      |
| Other information             | : No supplementary information available. |

#### 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

### SECTION 15: Regulatory information

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

No additional information available

### SECTION 16: Other information

Full text of H-phrases:

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Carc. 2           | Carcinogenicity, Category 2                                       |
| H351              | Suspected of causing cancer.                                      |
| H412              | Harmful to aquatic life with long lasting effects.                |



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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.