



Das Original

Anaerobe Dichtstoffe eco-friendly

Safety Data Sheet

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

Date of issue: 14.06.2024
Revision date: -
Version: 1.0

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

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: 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 (CO₂). 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 (ثاني أكسيد التيتانيوم)
TLV TWA (mg/m ³)	10 mg/m ³
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) (سيلিকা (جزئيات مستنشقة))
TLV TWA (mg/m ³)	10 mg/m ³
Local name	Silica (respirable particulate) (سيلিকা (جسيمات متنفسة))
TLV TWA (mg/m ³)	3 mg/m ³
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 166 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

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
NOELR algae	1 mg/l 72 h, Raphidocelis subcapitata



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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.

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.