Anaerobe Dichtstoffe eco-friendly

Safety Data Sheet

according to WHS Regulations (SLI No. 262 of 2011), as amended and in force on 1 September 2024

Date of issue: 14/06/2024 Revision date: 22/08/2025 Version/Replaced version: 2.0/1.0

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

1.2. Other means of identification

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)

1.3. Recommended use of the chemical and restrictions on use

Intended for general public

Recommended use of the substance/mixture : Adhesive, sealant

1.4. Details of manufacturer or importer

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

Supplier

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: sds@dlac-gmbh.de

1.5. Emergency phone number

24 h emergency telephone number : +1 872 5888271 (EKA)

Country	Organisation/Company	Address	Emergency telephone number
Australia	Poisons Information Hotline	-	13 11 26

Section 2: Hazard(s) identification

2.1. Classification of the hazardous chemical

GHS Classification according to WHS Regulations

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements, including precautionary statements

GHS Labelling according to WHS Regulations

No labelling applicable

2.3. Other hazards

No additional information available

Section 3: Composition and information on ingredients, in accordance with Schedule 8

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to WHS Regulations
Oxydipropyl dibenzoate	(CAS No) 27138-31-4	< 15	Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Titanium dioxide	(CAS No) 13463-67-7	< 1	Carc. 2, H351

Other relevant ingredients:

Name	Product identifier	Classification according to WHS Regulations
Silica, amorphous	(CAS No) 7631-86-9	Not classified

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell. If possible, show him this sheet. Failing this, show him the packaging or 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 immediately all contaminated clothing. 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 : Rinse mouth. Drink water as a precaution. Do NOT induce vomiting.

4.2. Symptoms caused by exposure

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

4.3. Medical attention and special treatment

Treat symptomatically.

Section 5: Firefighting measures

5.1. Suitable extinguishing equipment

Suitable extinguishing media : Use extinguishing agents that suit the environment. Carbon dioxide. Extinguishing powder. Water spray. For a significant fire: Alcohol resistant foam.

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

5.2. Specific hazards arising from the chemical

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

5.3. Special protective equipment and precautions 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 dust, vapours. Special danger of slipping by leaking/spilling product.

Emergency procedures : Evacuate unnecessary personnel.

Protective equipment : Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: " Exposure controls and personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and materials 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 suitable, closed containers for disposal. Dispose of in accordance with relevant local regulations.

Section 7: Handling and storage

7.1. Precautions for safe handling

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

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. 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 dry, cool and well-ventilated place. Protect from heat and direct sunlight.

Storage temperature : < 20 °C

Prohibitions on mixed storage : Keep away from food, drink and animal feedingstuffs.

Section 8: Exposure controls and personal protection

8.1. Exposure control measures

Titanium dioxide (13463-67-7)		
Australia	Local name	Titanium dioxide (a)
Australia	HCIS TWA (mg/m³)	10 mg/m³
Australia	Notes (HCIS)	- - H (see Chapter 14)
ACGIH	Local name	Titanium dioxide
ACGIH	TLV-TWA (mg/m³)	0.2 mg/m³ (respirable particulate matter; nanoscale particles) 2.5 mg/m³ (respirable particulate matter; fine-scale particles)
ACGIH	Remark (ACGIH)	A3

Silica, amorphous (7631-86-9)		
Australia	Local name	Silica - Amorphous / Fumed silica (respirable dust)
Australia	HCIS TWA (mg/m³)	2 mg/m³
Australia	Notes (HCIS)	- - A (see Chapter 14); Carc. 1A; - - - (also see Silica - Amorphous)

8.2. Biological monitoring

No additional information available

8.3. Control Banding

No additional information available

8.4. Engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapour concentrations.

8.5. Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection : Chemical goggles or safety glasses (AS/NZS 1337 or equivalent).

Skin and body protection : Wear suitable protective clothing.

Wear suitable gloves (AS/NZS 2161 or equivalent). Nitrile rubber, > 0.56 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Respiratory protection with filter type P2 (AS/NZS 1716 or equivalent).

Thermal hazards : Not required for normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Varying, depends on colouring

Odour : Characteristic

Melting point/freezing point : No data available

Boiling point or initial boiling point and boiling range : No data available

Flammability : No data available

Lower and upper explosion limit/flammability limit : Not applicable

Flash point : > 60 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : No data available

Kinematic viscosity : No data available

Solubility : No data available

Partition coefficient n-octanol/water (log value) : Not applicable

Vapour pressure : No data available

Density and/or relative density : No data available

Relative vapour density : No data available

Particle characteristics : Not applicable

9.2. Other information

Explosive properties : None

Oxidising properties : None

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

No hazardous decomposition products known at room temperature. In case of fire: Carbon dioxide. Carbon monoxide. Toxic gases and vapours. Silicon oxides. Hydrogen fluoride. Nitrogen oxides. Sulfur oxides.

Section 11: Toxicological information

11.1. Information on hazard classes

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

Titanium dioxide (13463-67-7)	
IARC	Group 2B: Possibly carcinogenic to humans.

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

Specific Target Organ Toxicity (STOT) — single exposure : Not classified
Based on available data, the classification criteria are not met

Specific Target Organ Toxicity (STOT) — 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

11.2. Information on other hazards

Information on possible routes of exposure : Oral, dermal, inhalative

Early onset symptoms related to exposure : To our knowledge, this product does not present a significant health hazard or any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Delayed health effects from exposure : To our knowledge, this product does not present a significant health hazard or any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Exposure levels and health effects : To our knowledge, this product does not present a significant health hazard or any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Interactive effects : None known.

Mixtures of chemicals : No additional information available

Other information : No additional information available

Section 12: Ecological information

12.1. Ecotoxicity

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

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. Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods : Do not empty into drains. Do not dispose of with domestic waste.

Waste disposal recommendations : Empty the packaging completely prior to disposal. When totally empty, containers are recyclable like any other packing.

Section 14: Transport information

In accordance ADG / IMDG / IATA

14.1. UN number

UN-No. (ADG) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

14.2. Proper Shipping Name or Technical Name

Proper Shipping Name (ADG) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class

ADG

Transport hazard class(es) (ADG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group number

Packing group (ADG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards for transport purposes

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

Transport by road and rail (ADG)

Not applicable

Transport by sea (IMDG)

Not applicable

Air transport (IATA)

Not applicable

14.7. Additional information

No additional information available

14.8. Hazchem or Emergency Action Code

Not applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Contains no substance(s) subject to the Rotterdam Convention.

Stockholm Convention on Persistent Organic Pollutants

Contains no substance(s) subject to the Stockholm Convention.

Montreal Protocol on Substances that Deplete the Ozone Layer

Contains no substance(s) subject to the Montreal Protocol.

Section 16: Any other relevant information

Data sources	:	Work Health and Safety Regulations 2011 (Select Legislative Instrument No. 262, 2011) as amended and in force, dated 1 September 2024, in conjunction with the Work Health and Safety Amendment (Chemicals Labelling) Regulations 2023 dated 13 December 2023.
Date of preparation or review	:	22/08/2025
Changes compared to the previous version	:	Section 8

Key abbreviations or acronyms used:

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
IATA	International Air Transport Association
IMDG	“International Maritime Dangerous Goods Code” for the transport of dangerous goods by sea
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
OECD	Organisation for Economic Cooperation and Development
WHS Regulations	Work Health and Safety Regulations 2011 (Select Legislative Instrument No. 262, 2011)

Full text of H-phrases:

Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Carc. 2	Carcinogenicity, Category 2
H351	Suspected of causing cancer.
H401	Toxic to aquatic life.
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.