



Elbesil Oil B 2

Material no- 3221

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Name of product: ELBESIL OIL B 2
INCI Dimethicone Pure
substance/mixture Substance

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use solvent, Additive, Intermediate, Chemical intermediate,
Cosmetic additive***

Uses advised against No information available

Company / undertaking identification

Company name: QUAX GmbH
Street/POB-No.: Hindenburgstr. 19
State/city/postal code: 64853 Otzberg
Telephone: +49 (0)6162 801774
Telefax: +49 (0)6162 809564
Dept. responsible for information: Telephone: +49 (0)6162 801774, E-Mail: info@quax.de

Emergency telephone

Telephone: +49 (0)6162 801774
This number is serviced during office hours.

2. Hazards identification

Classification of the substance or mixture Regulation (EC) No 1272/2008

This substance is not classified as dangerous according to regulation (EC) 1272/2008 [GHS].

Label Elements Product Identifier

This substance is not classified as dangerous according to regulation (EC) 1272/2008 [GHS].

Signal Word

None

Other Hazards

combustible liquid***

3. Composition/information on ingredients

Substances

None known based on information supplied.

Full text of H- and EUH-phrases: see section 16

4. First aid measures

Description of first aid measures

General advice

When in doubt or if symptoms are observed, get medical advice.

Inhalation

Remove to fresh air.



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Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye Contact	If substance enters the eyes, immediately rinse with plenty of water for several minutes.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed
Symptoms None known.

Indication of any immediate medical attention and special treatment needed
Note to doctors Treat symptomatically.

5. Fire fighting measures

Extinguishing media

Suitable Extinguishing Media

Use Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Alcohol resistant foam.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

Hazardous combustion products

Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x), Silicon dioxide, Formaldehyde.***

Advice for firefighters

In the event of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required. Do not allow run-off from fire-fighting to enter drains or water courses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Special danger of slipping by leaking/spilling product. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapour/spray.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.



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Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.***

Reference to other sections

See section 8 for national exposure control parameters.
See Section 12 for additional Ecological Information.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapour/spray.

General hygiene considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labelled containers.

Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

8. Exposure controls / Personal protection equipment

Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

dermal	worker*** 1449 mg/kg bw/day***
Inhalation	102 mg/m3***

Derived No Effect Level (DNEL)

oral	Consumer*** 7.31 mg/kg bw/day***
dermal	731 mg/kg bw/day***
Inhalation	25 mg/m3***

Predicted No Effect Concentration (PNEC)***

Soil	3.34 mg/kg***
Impact on Sewage Treatment	> 1 mg/l***

Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment Eye/face Protection Wear safety glasses with side shields (or



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goggles).

Hand protection

Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Skin and Body Protection Suitable protective clothing. Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374. Respiratory protection None under normal use conditions.

Environmental exposure controls

Local authorities should be advised if significant spillages cannot be contained.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	No information available
Odour	characteristic
Colour	Colourless
Odour threshold	No information available

Property	Values	Remarks & Method
pH		No information available
Melting point/freezing point	approx. -84 °C / -119 °F	
Boiling point / boiling range	approx. 229 °C / 444 °F	
Flash Point	approx. 87 °C / 189 °F	CC (closed cup)
Evaporation Rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No data available
Lower flammability limit		No data available
Vapour pressure	< 2 hPa	@ 20°C
Vapour Density		No information available
Specific gravity	No data available	@ 20°C
	approx. 0.872 g/cm ³	@ 25°C
Water solubility	No data available	@ 20°C
Solubility(ies)	Insoluble in water	No information available
Partition coefficient		No information available
Autoignition Temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity No	data available	@ 40 °C
	approx. 2 mm ² /s	@ 25°C
Dynamic viscosity	No data available	@ 40 °C
Explosive properties		No information available
Oxidising properties		No information available
Other information		No information available



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10. Stability and reactivity

Reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Incompatible with oxidising agents. Acids. Bases.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapours. Carbon dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x). Silicon dioxide. If this product is heated to > 150 °C, trace quantities of formaldehyde may be released, and adequate ventilation is required.***

11. Toxicological information

Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	No data available.
Eye Contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Oral LD50	> 5000*** mg/kg	Rat
Dermal LD50	> 2000 mg/kg	Rat

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity.

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Sensitisation

No information available.

Germ Cell Mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Other adverse effects

Product may emit formaldehyde vapour at temperatures above 150°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

Aspiration Hazard

No information available.



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12. Ecological information

Toxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Product Information

Acute (short-term) algae toxicity

EC50	No information available
EC0	No information available
IC50	No information available
IC0	No information available
ErC50	No information available
EbC50	No information available

Acute (short-term) fish toxicity

LC50	No information available
LC0	No information available
EC50	No information available
EC0	No information available

Acute (short-term) aquatic invertebrate toxicity

EC50	No information available	EC0	No information available
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Chronic (long-term) algae toxicity

NOEC	No information available
LOEC	No information available

Chronic (long-term) fish toxicity

NOEC	No information available
LOEC	No information available

Chronic (long-term) aquatic invertebrate toxicity

NOEC	No information available
LOEC	No information available

Persistence and degradability

Not readily biodegradable.***

Product Information

Biodegradation ***	approx.*** 0*** % (672 h)***	OECD 310***
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BOD	No information available.
ThCO ₂	No information available.
DOC	No information available.

Bioaccumulative potential

Product Information

Bioaccumulation (factor)	No information available.
Mobility in soil	No information available.
Other adverse effects	No information available.



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Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be persistent, bio-accumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB). This preparation contains no substance considered to be very persistent nor very bio-accumulating (vPvB).

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

14. Transport information

ADR

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Labels	-
Packing group	Not regulated
Description	-
Environmental hazards	Not applicable
Special precautions for user	None
Classification code	-
Tunnel restriction code	-
Limited quantity (LQ)	-
ADR Hazard Id (Kemmler Number)	-
Note	-

RID

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Labels	-
Packing group	Not regulated
Description	-
Environmental hazards	Not applicable
Special precautions for user	None
Classification code	-
Limited quantity (LQ)	-
Note	-

IMDG

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Subsidiary hazard class	-



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Packing group	Not regulated
Description	-
Environmental hazards	Not applicable
Special precautions for user	None
EmS-No	-
Limited quantity (LQ)	-
Note:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code No information available	

IATA

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Subsidiary hazard class	-
Packing group	Not regulated
Description	-
Environmental hazards	Not applicable
Special precautions for user	None
ERG Code	-
Limited quantity (LQ)	-
Note	-

15. Regulatory information

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

National Regulations

See section 8 for national exposure control parameters

Germany

Water hazard class (WGK)	slightly hazardous to water (WGK 1)
Storage class	10***

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

All of the components in the product are on the following Inventory lists: TSCA (United States), Europe (EINECS/ELINCS/NLP), Canada (DSL/NDL), Australia (AICS), South Korea (KECL), China (IECSC), ENCS (Japan), Philippines (PICCS), NZIoC - New Zealand Inventory of Chemicals.

Chemical safety assessment

For this substance a chemical safety assessment has not been carried out. Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

Revision note See the text with asterisks in this safety data sheet for the latest changes.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006



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The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.