

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

FINO WAXIL PLUS

REF

37005 / 37006

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

Reduces the surface tension of wax and wax-like products. Suitable for all conventional impression materials (silicones and alginates).

Uses advised against

No further data.

1.3. Details of the supplier of the safety data sheet

Company name: FINO GmbH
Street: Mangelsfeld 18
Place: D-97708 Bad Bocklet
Telephone: +49-97 08-90 94 20
e-mail: info@fino.com
Contact person: Joachim Mahlmeister
e-mail: info@fino.com
Responsible Department: This number can only be reached during our office hours, Monday to Friday from 8 a.m. to 5 p.m.

Telefax: +49-97 08-90 94 21
Internet: www.fino.com
Telephone: +49-97 08-90 94 20

1.4. Emergency telephone number:

+49-89-1 92 40
POISON CENTER München
24 hour(s) 7 day(s)

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

2.2. Label elements
Additional advice on labelling

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Chemical characterization

Polydimethylsiloxane emulsion in water.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
69011-36-5	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched			>3-<5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			

Full text of H and EUH statements: see section 16.

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 2 of 8

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
69011-36-5		Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched	>3-<5 % %
		oral: ATE = 500 mg/kg	

Further Information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The material is harmless.

Product is not liable to labelling.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures are necessary.

After inhalation

The present toxicological data do not show any hazardous properties.*

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

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

No effects known.

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

No specific information.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Foam, Extinguishing powder, Carbon dioxide (CO₂), Water spray jet, Sand**Unsuitable extinguishing media**

Not known.

5.2. Special hazards arising from the substance or mixture

No further data.

5.3. Advice for firefighters

The product itself does not burn.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

Formation of ignitable mixtures possible.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

No special measures are necessary.

For non-emergency personnel

Emergency procedures

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 3 of 8

Remove victim out of the danger area. Remove persons to safety. The danger areas must be delimited and identified using relevant warning and safety signs.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Disposal must be made according to official regulations.

6.3. Methods and material for containment and cleaning up**For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Following consultation with waste management company and after biological pre-treatment, landfill together with household waste.

For cleaning up

For cleaning, approved industrial vacuum cleaners are recommended, dust class:

Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Specific hygiene measures are not required.

Wash hands before breaks and after work.

Further information on handling

Shake well before use.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store under normal and dry conditions.

Protect against frost.

Hints on joint storage

No information available.

Further information on storage conditions

No specific information.

7.3. Specific end use(s)

Wax Wetting Agent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 4 of 8


Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Individual protection measures, such as personal protective equipment
Eye/face protection

goggles

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The precise time of rupture can be found out from the manufacturer of the protective gloves and must be observed.

Skin protection

common occupational protective clothing.

Respiratory protection

Avoid direct inhalation. (Liquid)

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	white
Odour:	weak distinctive

Changes in the physical state

Melting point/freezing point:	-1 °C
Boiling point or initial boiling point and boiling range:	100 °C
Softening point:	not applicable
Flash point:	not applicable

Flammability

Solid/liquid:	not applicable
---------------	----------------

Explosive properties

Product is not explosive.

Lower explosion limits:	void
Upper explosion limits:	void
Auto-ignition temperature:	not applicable

Self-ignition temperature

Solid:	Product is not selfigniting.
--------	------------------------------

pH-Value:	6-7
-----------	-----

Viscosity / dynamic:	---
----------------------	-----

Water solubility:	miscible
-------------------	----------

Vapour pressure:	23 hPa
(at 20 °C)	

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 5 of 8

Density (at 20 °C):

1 g/cm³

Relative vapour density:

not determined

9.2. Other information
Other safety characteristics

Evaporation rate:

not determined

Further Information
SECTION 10: Stability and reactivity
10.1. Reactivity

No data available

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

The following is valid for the silicone fraction present in the substance:

Measurements at temperatures from approx. 150 °C have shown that a small amount of formaldehyde is released due to oxidation.

Further information

Principal symptoms of silicosis are cough and breathing problems/dyspnoea.

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in GB CLP Regulation
Acute toxicity

Based on available data, the classification criteria are not met.

According to present knowledge the product is physiologically harmless and neither mutagen, nor carcinogenic nor teratogenic.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69011-36-5	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

No irritant effect.

Sensitising effects

Based on available data, the classification criteria are not met.

No sensitizing effect known.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

No additional indications for carcinogenic or mutagenic impacts and effects toxic for reproduction.

STOT-single exposure

Based on available data, the classification criteria are not met.

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 6 of 8

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Based on our experiences and information the product does not cause harmful health effects if handled according to specifications and used according to indications.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

Acute toxicity (oral) LD50: / LC50: Evaluation > 2.000 mg/kg Rat

Additional information on tests

Respective data are not available.

Practical experience

No special references.

11.2. Information on other hazards**Other information**

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Aquatic toxicity

Danio rerio (zebrafish) LCD = 180 mg/l

Danio rerio (zebrafish) LCD 50 = 250 mg/

Danio rerio (zebrafish) LCD 100 = 350 mg/l

12.2. Persistence and degradability

No classification known.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

Respective data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No effects known.

Further information

According to present experience harmful effects on purification plants are not to expect.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Send to a hazardous waste incinerator facility under observation of official regulations.

Delivery to an approved waste disposal company.

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 7 of 8

Land transport (ADR/RID)
14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (land transport)

Not restricted

Inland waterways transport (ADN)
14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (inland waterways transport)

Not restricted

Marine transport (IMDG)
14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

Other applicable information (marine transport)

Not restricted

Air transport (ICAO-TI/IATA-DGR)
14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

Other applicable information (air transport)

Not restricted

14.6. Special precautions for user

No special measures are necessary.

14.7. Maritime transport in bulk according to IMO instruments

No special precautionary measures.

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information

2004/42/EC (VOC): No further data.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information: 0

Additional information

No further data.

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

No information available.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information
Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

"IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)"

ICAO: International Civil Aviation Organization

"ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)"

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

FINO WAXIL PLUS

Revision date: 24.11.2022

REF

37005 / 37006

Page 8 of 8

IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
 H318 Causes serious eye damage.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Auxiliary for dental technology	PW	20	0	0	4	0	94	100

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)