

# Safety Data Sheet

## according to GHS

**Trade name :** FD 360 Cleaning and care of vinyl upholstery  
**Revision :** 31.07.2019  
**Print date :** 31.07.2019

**Version :** 1.0.0

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1 Product identifier

FD 360 Cleaning and care of vinyl upholstery

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

##### Relevant identified uses

FD 360 cleans and cares for all seat covers made from artificial leather and is highly effective in maintaining the value of dental treatment chairs and other artificial leather covers.

##### Product Categories [PC]

PC35 - PC 35 - Washing and cleaning products

##### Uses advised against

None, if handled according to order.

##### Remark

The product is intended for professional use.

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

##### Supplier (manufacturer/importer/only representative/downstream user/distributor)

orochemie GmbH + Co. KG

**Street :** Max-Planck-Straße 27

**Postal code/city :** 70806 Kornwestheim

**Telephone :** +49 7154 1308-0

**Telefax :** +49 7154 1308-40

**Information contact :** DÜRR DENTAL SE, Höpfigheimer Str. 17, 74321 Bietigheim-Bissingen, Germany  
Tel: +49 7142 705-0, Fax: +49 7142 705-500, info@duerrdental.com  
in Australia:

DÜRR DENTAL SE, PO Box 2067, Woonona East New South Wales 2517, Australia,  
Louis Manera +61 (0)412 95 95 25

Importer/Distributor:

Ivoclar Vivadent Ltd, PO Box 303011, North Harbour, Auckland, 0751.

Phone +64 9 914 9999 Fax+64 9 914 9990

#### 1.4 Emergency telephone number

NZ: National Poison Centre (New Zealand) 0800 764 766 Poisons Hotline (24 hours/7days)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to GHS

None

##### Classification procedure

The classification was carried out according to the calculation method of GHS.

#### 2.2 Label elements

##### Labelling according to GHS

##### Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

None

### SECTION 3: Composition/information on ingredients

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### 3.2 Mixtures

#### Description

FD 360 contains special tensides, silicon compounds and care components derived from avocado oil.

#### Hazardous ingredients

SILOXANES AND SILICONES, DI-ME, 3-3-(3-COCO AMIDOPROPYL) DIMETHYLAMMONIO-2-HYDROXYPROPOXYPROPYL GROUP- TERMINATED, ACETATES (SALTS) ; CAS No. : 134737-05-6

Weight fraction :  $\geq 1 - < 5 \%$

Classification: Aquatic Chronic 3 ; H412

SECONDARY ALCOHOL, ETHOXYLATED ( > 5 - 15 EO) ; REACH registration No. : - ; CAS No. : 68131-40-8

Weight fraction :  $\geq 1 - < 3 \%$

Classification: Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

#### Additional information

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

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

#### Following inhalation

No special measures are necessary.

#### In case of skin contact

Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

No special measures are necessary. Never give anything by mouth to an unconscious person or a person with cramps.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>) Extinguishing powder Water spray Water mist The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

Full water jet

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

None known.

#### Hazardous combustion products

None known.

### 5.3 Advice for firefighters

Adapt protective equipment to surrounding fire.

#### Special protective equipment for firefighters

Adapt protective equipment to surrounding fire.

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### SECTION 6: Accidental release measures

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

Use personal protection equipment. See protective measures under point 7 and 8.

##### For non-emergency personnel

Use personal protection equipment. See protective measures under point 7 and 8.

##### For emergency responders

###### Personal protection equipment

See protective measures under point 7 and 8.

#### 6.2 Environmental precautions

No special environmental measures are necessary.

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

##### For cleaning up

No special measures are necessary.

#### 6.4 Reference to other sections

None

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Keep/Store only in original container. Please note safety instructions and directions for use on the drum.

##### Protective measures

###### Measures to prevent fire

Usual measures for fire prevention. When using do not smoke.

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

##### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C.

##### Hints on joint storage

Store the foodstuffs separately.

#### 7.3 Specific end use(s)

None

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### DNEL/DMEL and PNEC values

There are no data available on the preparation itself.

#### 8.2 Exposure controls

##### Personal protection equipment

###### Eye/face protection

No special measures are necessary.

Use tightly fitting safety glasses as per Australian Standard AS 1336 and AS/NZS 1337. Safety glasses with side shields

###### Skin protection

###### Hand protection

Short-term exposure (Level 2: < 30 min): disposable gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.1 mm.

Long-term exposure (Level 6: < 480 min): protective gloves to EN374 category III, e.g. nitrile rubber, material

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thickness 0.7 mm.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Wear impervious rubber gloves (AS2161).

### Body protection

Body protection: not required.

### Respiratory protection

No special measures are necessary.

### General health and safety measures

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work. Separate storage of work clothes. When using do not eat, drink, smoke, sniff.

### Occupational exposure controls

#### Technical measures to prevent exposure

Provide adequate ventilation.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** Liquid

**Colour :** white

**Odour :** characteristic

#### Safety relevant basis data

<b>Melting point/melting range :</b>	( 1013 hPa )			No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	approx.	100	°C
<b>Decomposition temperature :</b>	( 1013 hPa )			No data available
<b>Flash point :</b>				not applicable
<b>Ignition temperature :</b>				not applicable
<b>Lower explosion limit :</b>				not applicable
<b>Upper explosion limit :</b>				none
<b>Vapour pressure :</b>	( 50 °C )	approx.	125	hPa
<b>Density :</b>	( 20 °C )		0,98 - 1	g/cm <sup>3</sup>
<b>Solvent separation test :</b>	( 20 °C )	<	3	%
<b>Water solubility :</b>	( 20 °C )		100	Wt %
<b>pH :</b>			2,5 - 7,5	
<b>log P O/W :</b>				No data available
<b>Flow time :</b>	( 20 °C )	<	20	s      DIN-cup 4 mm
<b>Odour threshold :</b>				No data available
<b>Maximum VOC content (EC) :</b>			0	Wt %
<b>Oxidising liquids :</b>				Not applicable.
<b>Explosive properties :</b>				Not applicable.
<b>Corrosive to metals :</b>				Not corrosive to metals.

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None, if handled according to order.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

None, if handled according to order.

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### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter :	ATEmix calculated
Exposure route :	Oral
Effective dose :	41667 mg/kg
Parameter :	ATE ( SECONDARY ALCOHOL, ETHOXYLATED ( > 5 - 15 EO ) ; CAS No. : 68131-40-8 )
Exposure route :	Oral
Effective dose :	500 mg/kg

No data available.

##### Practical experience/human evidence

No known toxic effects on humans.

##### Acute dermal toxicity

Parameter :	ATEmix calculated
Exposure route :	Dermal
Effective dose :	not relevant

##### Acute inhalation toxicity

Parameter :	ATEmix calculated
Exposure route :	Inhalation (vapour)
Effective dose :	not relevant

#### Irritant and corrosive effects

Eye contact: Not an irritant. Method : OECD 437.

#### Sensitisation

No data available.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No information available.

### 11.5 Additional information

The classification was carried out according to the calculation method of GHS.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

There are no data available on the preparation itself.

### 12.2 Persistence and degradability

#### Abiotic degradation

No data available.

#### Biodegradation

No data available.

### 12.3 Bioaccumulative potential

No information available.

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### 12.4 Mobility in soil

#### Known or predicted distribution to environmental compartments

No data available

#### Adsorption/Desorption

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product

Concentrate/larger quantities: 07 06 99 Waste, n.o.s.

##### Waste treatment options

##### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with 'The Hazardous Waste Act'. Can be eliminated with domestic garbage on condition it complies with local regulations.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

### 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

#### National regulations

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EPA NZ Classes of hazardous properties: not hazardous

NZ HSNO Approval: HSR003422: Alcohols, C11-15-secondary, ethoxylated, HSNO Approval: HSR004001: Oils, avocado

### 15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimates

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CMR = Carcinogen, Mutagen or Reproductive toxicant

CO<sub>2</sub> = Carbon dioxide

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EC = European Commission

EC50 = Half maximal effective concentration

EN = European Standard (Norm)

EU = European Union

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

H statement = GHS Hazard statement

IATA = International Air Transport Association ICAO-TI = International Civil Aviation Organization-Technical Instructions

IMDG = International Maritime Dangerous Goods

LC50 = Median lethal concentration

LD50 = Median lethal dose

LogPow = Logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOEC/NOEL = No observed effect concentration/level

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RMM = Risk Management Measure

RRN = REACH Registration Number

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

SVHC = Substances of Very High Concern

TLV/STEL = Threshold limit value/short-term exposure limit

TLV/TWA = Threshold limit value/time weighted average

UN = United Nations

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

Standard EN420:2003 General requirements for protective gloves: disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).

Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161).

Personal eye protection - Eye and face protectors for occupational applications: safety glasses (Australian Standard AS 1336 and AS/NZS 1337.1:2010).

### 16.4 Classification for mixtures and used evaluation method according to GHS

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No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

### 16.6 Training advice

None

### 16.7 Additional information

Notice the directions for use on the label.

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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