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 - 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, Höpfgeheimer Str. 17, 74321 Bietigheim-Bissingen, Germany
Tel: +49 7142 705-0, Fax: +49 7142 705-500, info@duerrdental.com
in Great Britain/Ireland:
DÜRR DENTAL [Products] UK Ltd., 14 Linnell Way - Telford Way Industrial Estate, Kettering Northants NN16 8PS, United Kingdom
Tel: +44 1536 526740, Fax.: +44 1536 526749, info@duerruk.com

1.4 Emergency telephone number
INT: +49 6132 84463 (24 h/7 d)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

None

Classification procedure
The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP].

2.2 Label elements

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

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

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 : ≥ 1 - < 5 %

Classification 1272/2008 [CLP] : Aquatic Chronic 3 ; H412

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

Weight fraction : ≥ 1 - < 3 %

Classification 1272/2008 [CLP] : 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 (CO2) Extinguishing powder Water spray Water mist The product itself does not burn. Co-ordinate firefighting 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.

### 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.

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 thickness 0.7 mm.
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

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**
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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/melting range</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>(1013 hPa) approx. 100 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>not applicable</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>not applicable</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>none</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>(50 °C) approx. 125 hPa</td>
</tr>
<tr>
<td>Density</td>
<td>(20 °C) 0,98 - 1 g/cm³</td>
</tr>
<tr>
<td>Solvent separation test</td>
<td>(20 °C) &lt; 3 %</td>
</tr>
<tr>
<td>Water solubility</td>
<td>(20 °C) 100 Wt %</td>
</tr>
<tr>
<td>pH</td>
<td>2,5 - 7,5</td>
</tr>
<tr>
<td>log P O/W</td>
<td>No data available</td>
</tr>
<tr>
<td>Flow time</td>
<td>(20 °C) &lt; 20 s DIN-cup 4 mm</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Maximum VOC content (EC)</td>
<td>0 Wt %</td>
</tr>
<tr>
<td>Oxidising liquids</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Corrosive to metals</td>
<td>Not corrosive to metals</td>
</tr>
</tbody>
</table>

#### 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.

#### 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

Acute dermal toxicity
Parameter: ATEmix calculated
Exposure route: Dermal
Effective dose: not relevant

Acute inhalation toxicity
Parameter: ATEmix calculated
Exposure route: Inhalative (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 Regulation No. (EC) 1272/2008 [CLP].

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.

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.

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
None

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
03. Hazardous ingredients
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
CO₂ = 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
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

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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.

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.
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.