

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

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

1.1 Product identifier

FD 360 Cleaning and care of vinyl upholstery
Unique Formula Identifier : not applicable

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.

Products Category [PC]

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

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 Great Britain/Ireland:

DÜRR DENTAL [Products] UK Ltd., 14 Linnell Way - Telford Way Industrial Estate, Kettering Northants NN16 8PS, United Kingdom, 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]

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Classification procedure

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

2.2 Label elements

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

Hazard statements

H412

Harmful to aquatic life with long lasting effects.

2.3 Other hazards

Adverse human health effects and symptoms

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

Adverse environmental effects

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

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

The mixture contains substances meeting the PBT/vPvB criteria according to Regulation (EC) No 1907/2006, Annex XIII. See SECTION 3 in this safety data sheet.

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 : $\geq 1 - < 5 \%$

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

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

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

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

OCTAMETHYLCYCLOTETRAILOXANE ; EC No. : 209-136-7; CAS No. : 556-67-2

Weight fraction : $\geq 0,025 - < 0,05 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Repr. 2 ; H361f Aquatic Chronic 1 ; H410 PBT ; EUH440 VPvB ; EUH441

Specific Conc. Limits : (M=10)

Additional information

For full text of Hazard- and EU Hazard-statements: 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.

Following 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 jet Water mist The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

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 and in a well-ventilated place.

Hints on joint storage

Store the foodstuffs separately.

7.3 Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL-/PNEC-values

There are no data available on the preparation itself.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

DNEL/DMEL

OCTAMETHYLCYCLOTETRASIOXANE ; CAS No. : 556-67-2

Limit value type :	DNEL Consumer (local and systemic)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	13 mg/m ³
Limit value type :	DNEL Consumer (systemic)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	3,7 mg/kg
Limit value type :	DNEL worker (local and systemic)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	73 mg/m ³

PNEC

OCTAMETHYLCYCLOTETRASIOXANE ; CAS No. : 556-67-2

Limit value type :	PNEC (Aquatic, freshwater)
Limit value :	1,5 µg/l
Limit value type :	PNEC (Aquatic, marine water)
Limit value :	0,15 µg/l
Limit value type :	PNEC (Sediment, freshwater)
Limit value :	3 mg/kg
Limit value type :	PNEC (Sediment, marine water)
Limit value :	0,3 mg/kg
Limit value type :	PNEC (Soil)
Limit value :	0,54 mg/kg
Limit value type :	PNEC (Sewage treatment plant)
Limit value :	10 mg/l

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 information

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.

Other protection measures

Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

Appearance : Liquid
Colour : white
Odour : characteristic

Safety characteristics

Melting point/freezing point :	(1013 hPa)		not determined	
Initial boiling point and boiling range :	(1013 hPa)	approx.	100	°C
Decomposition temperature :	(1013 hPa)		not determined	
Flash point :			not applicable	
Auto-ignition temperature :			not applicable	
Lower explosion limit :			not applicable	
Upper explosion limit :			not applicable	
Vapour pressure :	(50 °C)		not determined	
Density :	(20 °C)	approx.	0,99	g/cm ³
Solvent separation test :	(20 °C)	<	3	%
Water solubility :	(20 °C)		100	Weight-%
pH :			3,5 - 4,5	
log P O/W :			not determined	
Flow time :	(20 °C)	<	20	s DIN-cup 4 mm
Odour threshold :			not determined	
Maximum VOC content (EC) :			0	Weight-%
Oxidising liquids :	Not applicable.			
Explosive properties :	Not applicable.			
Corrosive to metals :	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.

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Acute oral toxicity

Parameter :	ATEmix
Exposure route :	Oral
Effective dose :	25000 mg/kg

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

Parameter : LD50 (SILOXANES AND SILICONES, DI-ME, 3-3-(3-COCO AMIDOPROPYL) DIMETHYLAMMONIO-2-HYDROXYPROPOXYPROPYL GROUP- TERMINATED, ACETATES (SALTS) ; CAS No. : 134737-05-6)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : LD50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : ATE (SECONDARY ALCOHOL, ETHOXYLATED (> 5 - 15 EO) ; CAS No. : 68131-40-8)
Exposure route : Oral
Effective dose : 500 mg/kg

Practical experience/human evidence

No known toxic effects on humans.

Acute dermal toxicity

Parameter : ATEmix
Exposure route : Dermal
Effective dose : not relevant
Parameter : LD50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg

Acute inhalation toxicity

Parameter : ATEmix
Exposure route : Inhalation (vapour)
Effective dose : not relevant
Parameter : LC50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 36 mg/l
Exposure time : 4 h

Corrosion

Based on available data, the classification criteria are not met. Eye contact Not an irritant. Method : OECD 437.

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

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

Germ cell mutagenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

Endocrine disrupting properties

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

Additional information

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Harmful to aquatic life with long lasting effects.

Acute (short-term) fish toxicity

Parameter : LC50 (SILOXANES AND SILICONES, DI-ME, 3-3-(3-COCO AMIDOPROPYL) DIMETHYLAMMONIO-2-HYDROXYPROPOXYPROPYL GROUP- TERMINATED, ACETATES (SALTS) ; CAS No. : 134737-05-6)

Species : Danio rerio (zebrafish)

Evaluation parameter : Acute (short-term) fish toxicity

Effective dose : 30,8 mg/l

Exposure time : 96 h

Parameter : LC50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)

Species : Oncorhynchus mykiss (Rainbow trout)

Evaluation parameter : Acute (short-term) fish toxicity

Effective dose : > 22 µg/l

Exposure time : 96 h

Chronic (long-term) fish toxicity

Parameter : NOEC (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)

Species : Oncorhynchus mykiss (Rainbow trout)

Evaluation parameter : Chronic (long-term) fish toxicity

Effective dose : 4,4 µg/l

Exposure time : 93 day(s)

Acute (short-term) toxicity to aquatic invertebrates

Parameter : EC50 (SILOXANES AND SILICONES, DI-ME, 3-3-(3-COCO AMIDOPROPYL) DIMETHYLAMMONIO-2-HYDROXYPROPOXYPROPYL GROUP- TERMINATED, ACETATES (SALTS) ; CAS No. : 134737-05-6)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) daphnia toxicity

Effective dose : > 200 mg/l

Exposure time : 48 h

Parameter : EC50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) daphnia toxicity

Effective dose : > 15 µg/l

Exposure time : 48 h

Chronic (long-term) toxicity to aquatic invertebrate

Parameter : NOEC (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Chronic (long-term) daphnia toxicity

Effective dose : 15 µL/L

Exposure time : 21 day(s)

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : ErC50 (SILOXANES AND SILICONES, DI-ME, 3-3-(3-COCO AMIDOPROPYL) DIMETHYLAMMONIO-2-HYDROXYPROPOXYPROPYL GROUP- TERMINATED, ACETATES (SALTS) ; CAS No. : 134737-05-6)

Species : Pseudokirchneriella subcapitata

Evaluation parameter : Acute (short-term) algae toxicity

Effective dose : 7,2 mg/l

Exposure time : 72 h

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

Method : OECD 201
Parameter : EC50 (OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2)
Species : Pseudokirchneriella subcapitata
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : > 22 µg/l
Exposure time : 72 h

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

Distribution

No data available

12.5 Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT-/vPvB criteria according to REACH Annex XIII

- PBT :

OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2

- vPvB :

OCTAMETHYLCYCLOTETRAILOXANE ; CAS No. : 556-67-2

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 information available.

12.8 Additional ecotoxicological information

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Disposal operations

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

After intended use

Recovery operations

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Waste codes/waste designations according to EWC/AVV

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

SECTION 14: Transport information

14.1 UN number or ID 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.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

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 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 70, 75

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

02. Label elements · 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

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : FD 360 Cleaning and care of vinyl upholstery
Revision date : 19.02.2026
Print date : 01.06.2026

Version (Revision) : 6.0.0 (5.1.0)

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]

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP] as well as in-house investigations.

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

EUH440	Accumulates in the environment and living organisms including in humans.
EUH441	Strongly accumulates in the environment and living organisms including in humans.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

Follow the instructions 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, 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.