

SAFETY DATA SHEET (EC 1907/2006)**Ducera Liquid B**

Version: **2.3 / GB**
Revision date: **24.11.2017**
Issue date: **12.10.2006**
replaces version: **2.2**
Page: **1 / 8**

Material no.
Specification **158223**
VA-Nr **01906947**

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

Trade name Ducera Liquid B
REACH Registration No.: if available listed in Chapter. 3

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

Relevant applications identified For dental use only.

1.3. Details of the supplier of the safety data sheet

Company DeguDent GmbH
Postfach 1364
D-63403 Hanau
Telephone +49 (0)6181/59-5576
Telefax +49 (0)6181/59-5879
Email address SDB.Degudent-DE@dentsplysirona.com

1.4. Emergency telephone number

Emergency information +49 (0)6181/59-50 (This telephone number is available during office hours only.)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not a hazardous mixture according to Regulation (EC) No 1272/2008.

2.2. Label elements**Labelling as per (EU) 1272/2008**

Statutory basis Labelling not required according to EU-CLP Ordinance (1272/2008).

2.3. Other hazards

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

SECTION 3: Composition/information on ingredients**Chemical nature**

The preparation contains:, aromatic oil

3.1. Substances

-

3.2. Mixtures**Information on ingredients / Hazardous components as per EU-CLP Regulation (EC) No. 1272/2008**

| | | | |
|---------------------------|-----------|--------|-----------|
| • sodium hydroxide | | < 0.5% | |
| CAS-No. | 1310-73-2 | EC-No. | 215-185-5 |
| Skin Corr. 1A | | | H314 |

SAFETY DATA SHEET (EC 1907/2006)

Ducera Liquid B

Version: **2.3 / GB**
Revision date: **24.11.2017**
Issue date: 12.10.2006
replaces version: 2.2
Page: **2 / 8**

Material no.
Specification **158223**
VA-Nr **01906947**



• polypropylene glycol

CAS-No. 25322-69-4

Texts of H phrases, see in Chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Remove contaminated or saturated clothing.

Inhalation

Move victims into fresh air.

Skin contact

Wash off with plenty of water.

Eye contact

With eye held open, thoroughly rinse immediately with plenty of water for at least 10 minutes.
Consult an ophthalmologist.

Ingestion

Have the mouth rinsed with water.
Obtain medical attention.

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

Symptoms

No information available.

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

If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray
Foam
quenching powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media: High volume water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

Employ protective equipment commonly used in the event of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable gloves.

6.2. Environmental precautions

Do not allow the product into the following compartments:., stretches of water, groundwater, sewage water

6.3. Methods and material for containment and cleaning up

Pick up mechanically with a suitable material and collect in a suitable container.
Disposal according to local authority regulations.

Suitable binder: universal absorbent

6.4. Reference to other sections

SAFETY DATA SHEET (EC 1907/2006)

Ducera Liquid B

| | | | |
|-------------------|------------|---------------|----------|
| Version: | 2.3 / GB | Material no. | |
| Revision date: | 24.11.2017 | Specification | 158223 |
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| replaces version: | 2.2 | | |
| Page: | 3 / 8 | | |



Wear personal protective equipment; see section 8.
Disposal considerations; see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Local ventilation.
Wear suitable protective clothing and gloves.

7.2. Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion

No special measures are required.

Storage

Keep tightly sealed in original packing.

Unsuitable materials Aluminium, tin, Zinc

German storage class

12 - Non Combustible Liquids

7.3. Specific end use(s)

We are unaware of any specific end uses which go beyond the data reported in Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | | | |
|--------------------|---------------------|--------|---|
| • sodium hydroxide | | | |
| CAS-No. | 1310-73-2 | EC-No. | 215-185-5 |
| Control parameters | 2 mg/m ³ | | Short Term Exposure Limit (STEL):(EH40 WEL) |

8.2. Exposure controls

Engineering measures

Local ventilation.

Personal protective equipment

Hand protection

Preventive skin protection, Use barrier cream regularly.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.,
The exact break through time can be obtained from the protective glove producer and this has to be observed.

Glove material Fluorinated rubber (FKM)

Material thickness 0.4 mm

Break through time 480 min

Method Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Glove material butyl-rubber

Material thickness 0.5 mm

Break through time 480 min

Method Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Wear protective gloves made of the following materials:., alkali-resistant

Glove material Polychloroprene (PCP)

Material thickness 0.5 mm

Break through time 480 min

Method Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Glove material PVC

Material thickness 0.5 mm

Break through time 480 min

SAFETY DATA SHEET (EC 1907/2006)**Ducera Liquid B**

Version: **2.3 / GB**
Revision date: **24.11.2017**
Issue date: 12.10.2006
replaces version: 2.2
Page: **4 / 8**

Material no.
Specification **158223**
VA-Nr **01906947**



Method Source: GESTIS substance database (hazardous substance information system of commercial professional associations)

Eye/face protection

Safety glasses with side-shields

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice., Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work.

Protective measures

If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used.

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

Appearance

Form liquid
Colour colourless

Odour fruity

Odour threshold: no data available

pH ca. 13 Medium: Water

Melting point/range ca. 0 °C

Boiling point/range ca. 100 °C

Flash point not applicable

Evaporation rate no data available

Flammability (solid, gas) not applicable

Lower explosion limit not applicable

Upper explosion limit not applicable

Density ca. 1.15 g/cm³

Water solubility soluble

Partition coefficient: n-octanol/water no data available

Autoinflammability Not capable of spontaneous combustion or heating.

Thermal decomposition no data available

Viscosity, dynamic no data available

Explosiveness not explosive

Oxidizing properties not oxidizing

9.2. Other information

Metal corrosion Not expected during handling from practical experience.

Other information No further physicochemical data were determined.

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Ducera Liquid B

Version: **2.3 / GB**
Revision date: **24.11.2017**
Issue date: **12.10.2006**
replaces version: **2.2**
Page: **5 / 8**

Material no.
Specification **158223**
VA-Nr **01906947**



SECTION 10: Stability and reactivity

10.1. Reactivity

no data available

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Acids, Ammonium salts

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Animal experiment studies focusing on this formulation are not available.

Acute oral toxicity no data available

Acute inhalation toxicity no data available

Acute dermal toxicity no data available

Skin irritation no data available

Eye irritation no data available

Sensitization no data available

Repeated dose toxicity no data available

Mutagenicity assessment no data available

Carcinogenicity No data available

Toxicity to reproduction No data available

SECTION 12: Ecological information

12.1. Toxicity

No ecotoxicological data is available for this product.

12.2. Persistence and degradability

Biodegradability no data available

12.3. Bioaccumulative potential

Bioaccumulation no data available

SAFETY DATA SHEET (EC 1907/2006)

Ducera Liquid B

Version: **2.3 / GB**
Revision date: **24.11.2017**
Issue date: **12.10.2006**
replaces version: **2.2**
Page: **6 / 8**

Material no.
Specification **158223**
VA-Nr **01906947**



12.4. Mobility in soil

Mobility No data available

12.5. Results of PBT and vPvB assessment

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

12.6. Other adverse effects

Further Information Dusts and water-soluble forms of the alloy:, Introduction into soil, natural water bodies or sewerage must be prevented.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

SECTION 14: Transport information

Not dangerous according to transport regulations.

| | |
|-------------------------------------|----|
| 14.1. UN number: | -- |
| 14.2. UN proper shipping name: | -- |
| 14.3. Transport hazard class(es): | -- |
| 14.4. Packing group: | -- |
| 14.5. Environmental hazards: | -- |
| 14.6. Special precautions for user: | No |

SECTION 15: Regulatory information

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

National legislation

15.2. Chemical safety assessment

Chemical safety assessment No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

SECTION 16: Other information

Classification and applied procedure to derive the classification of mixtures according to EU Regulation (EC) No. 1272/2008 (CLP)

Relevant H phrases from chapter 3

H314 : Causes severe skin burns and eye damage.

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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| | | | |
|-------------------|-------------------|---------------|-----------------|
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| Revision date: | 24.11.2017 | Specification | 158223 |
| Issue date: | 12.10.2006 | VA-Nr | 01906947 |
| replaces version: | 2.2 | | |
| Page: | 7 / 8 | | |



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Legend

| | |
|------------------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ASTM | American Society for Testing and Materials |
| ATP | Adaptation to Technical Progress |
| BCF | Bioconcentration factor |
| BetrSichV | German Ordinance on Industrial Safety and Health |
| c.c. | closed cup |
| CAS | Chemical Abstract Services |
| CESIO | European Committee of Organic Surfactants and their Intermediates |
| ChemG | German Chemicals Act |
| CMR | carcinogenic-mutagenic-toxic for reproduction |
| DIN | German Institute for Standardization |
| DMEL | Derived minimum effect level |
| DNEL | Derived no effect level |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EC50 | half maximal effective concentration |
| GefStoffV | German Ordinance on Hazardous Substances |
| GGVSEB | German ordinance for road, rail and inland waterway transportation of dangerous goods |
| GGVSee | German ordinance for sea transportation of dangerous goods |
| GLP | Good Laboratory Practice |
| GMO | Genetic Modified Organism |
| IATA | International Air Transport Association |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| ISO | International Organization For Standardization |
| LOAEL | Lowest observed adverse effect level |
| LOEL | Lowest observed effect level |
| NOAEL | No observed adverse effect level |
| NOEC | no observed effect concentration |
| NOEL | no observed effect level |
| o. c. | open cup |
| OECD | Organisation for Economic Cooperation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent, bioaccumulative, toxic |
| PEC | Predicted effect concentration |
| PNEC | Predicted no effect concentration |
| REACH | REACH registration |
| RID | Convention concerning International Carriage by Rail |
| STOT | Specific Target Organ Toxicity |
| SVHC | Substances of Very High Concern |
| TA | Technical Instructions |
| TPR | Third Party Representative (Art. 4) |
| TRGS | Technical Rules for Hazardous Substances |
| VCI | German chemical industry association |
| vPvB | very persistent, very bioaccumulative |

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Ducera Liquid B

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| replaces version: | 2.2 | | |
| Page: | 8 / 8 | | |



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|--------------|--|
| VOC | volatile organic compounds |
| VwVwS | German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes |
| WGK | Water Hazard Class |
| WHO | World Health Organization |