

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version: **1.16 / GB**  
Revision date: **01.02.2019**  
Issue date: **04.09.2001**  
replaces version: **1.15**  
Page: **1 / 7**

Material no.  
Specification **102873**  
VA-Nr **01906661**



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

### 1.1. Product identifier

Trade name **Contex**  
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 **Soldering material, 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

aqueous dispersion, Contains small amounts of (below the concentration to take them into consideration for);, Ammonia solution

---

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Move to fresh air.  
If symptoms persist, call a physician.

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version:	1.16 / GB	Material no.	
Revision date:	01.02.2019	Specification	102873
Issue date:	04.09.2001	VA-Nr	01906661
replaces version:	1.15		
Page:	2 / 7		



### Skin contact

Wash off immediately with plenty of water.  
Take off all contaminated clothing immediately.

### Eye contact

Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open.  
Consult an ophthalmologist.

### Ingestion

Rinse mouth.  
Have patient drink plenty of water in small sips.  
Do NOT induce vomiting.  
Obtain medical attention.

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

### Symptoms

None known

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

No information available.

---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: All extinguishing substances suitable.

Unsuitable extinguishing media: High volume water jet

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

May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition.

### 5.3. Advice for firefighters

Extinction measures are to be adjusted to the specific location.

The product itself does not burn.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

No special protective equipment required.

---

## SECTION 6: Accidental release measures

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

Wear personal protective equipment.

Keep unauthorized persons away.

### 6.2. Environmental precautions

Introduction into soil, natural water bodies or sewerage must be prevented.

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

Pick up mechanically with a suitable material and collect in a suitable container.

### 6.4. Reference to other sections

Wear personal protective equipment; see section 8.

Disposal considerations; see section 13.

---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use only in well-ventilated areas.

Do not breathe vapour.

If necessary: Local ventilation.

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

#### Storage

Keep tightly closed in a dry, cool and well-ventilated place.

Store in original container.

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version: **1.16 / GB**  
Revision date: **01.02.2019**  
Issue date: **04.09.2001**  
replaces version: **1.15**  
Page: **3 / 7**

Material no.  
Specification **102873**  
VA-Nr **01906661**



Protect from direct sunlight.

### German storage class

12 - Non Combustible Liquids

### Storage stability

Protect from frost.

## 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

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### Engineering measures

Handle in accordance with good industrial hygiene and safety practice., Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

#### Personal protective equipment

##### Hand protection

Wear protective gloves made of the following materials:.

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)

Glove material Nitrile rubber

Material thickness 0.35 mm

Break through time 480 min

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

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)

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.

##### Eye/face protection

Safety glasses with side-shields

##### Skin and body protection

Usual lab protective clothing

##### Hygiene measures

Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance

Form

paste

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version: **1.16 / GB**  
Revision date: **01.02.2019**  
Issue date: **04.09.2001**  
replaces version: **1.15**  
Page: **4 / 7**

Material no.  
Specification **102873**  
VA-Nr **01906661**



Colour	black
Odour	odourless to faintly like ammonia
Odour threshold:	no data available
pH	10.5 - 11.4
Melting point/range	no data available
Boiling point/range	no data available
Flash point	not applicable
Evaporation rate	no data available
Flammability (solid, gas)	not flammable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	no data available
Density	ca. 1.4 g/cm <sup>3</sup>
Water solubility	no data available
Miscibility in water	not determined
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

Other information No further physicochemical data were determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

no data available

### 10.2. Chemical stability

Under normal conditions: stable.

### 10.3. Possibility of hazardous reactions

Stability Stable at room temperature.

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

### 10.4. Conditions to avoid

Pronounced heat up.

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version:	1.16 / GB	Material no.	
Revision date:	01.02.2019	Specification	102873
Issue date:	04.09.2001	VA-Nr	01906661
replaces version:	1.15		
Page:	5 / 7		



### 10.5. Incompatible materials

Reacts with:, Oxidizing agents, acids and alkaline solutions

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

---

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute oral toxicity	No harmful effects have become known as yet.
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.*

Toxicity to fish	no data available
Toxicity in aquatic invertebrates	no data available
Toxicity to bacteria	no data available

### 12.2. Persistence and degradability

Biodegradability	no data available
------------------	-------------------

### 12.3. Bioaccumulative potential

Bioaccumulation	no data available
-----------------	-------------------

### 12.4. Mobility in soil

Mobility	No data available
----------	-------------------

### 12.5. Results of PBT and vPvB assessment

# SAFETY DATA SHEET (EC 1907/2006)

## Contex

Version:	<b>1.16 / GB</b>	Material no.	
Revision date:	<b>01.02.2019</b>	Specification	<b>102873</b>
Issue date:	04.09.2001	VA-Nr	<b>01906661</b>
replaces version:	1.15		
Page:	<b>6 / 7</b>		



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 Harmful to aquatic life.

## 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

### Further information

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

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

### Legend

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

**SAFETY DATA SHEET (EC 1907/2006)****Contex**

Version:	<b>1.16 / GB</b>	Material no.	
Revision date:	<b>01.02.2019</b>	Specification	<b>102873</b>
Issue date:	04.09.2001	VA-Nr	<b>01906661</b>
replaces version:	1.15		
Page:	<b>7 / 7</b>		



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