

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.12.2008

Revision: 04.12.2008

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1 Identification of substance

. Product details

. Trade name

SIROBrezze

. Application of the substance / the preparation

Attachment for dental instruments

. Manufacturer/Supplier:

Supplier: SIRONA Dental Systems GmbH
Fabrikstraße 31
D-64625 Bensheim

<http://www.sirona.de>

Telefon: +49(0)6251/16-3440

Telefax: +49(0)6251/16-2935

Manufacturer: Graichen Produktions-und Vertriebs-GmbH

Darmstädterstraße 127-129

D-64625 Bensheim

. Informing department:

Environment protection department

. Emergency information:

Advice centre for poisoning university Mainz phone +49(0)6131/19240
or poison information: +49(0)700/GIFTINFO

2 Hazards identification

. Hazard designation:

void

. Information pertaining to particular dangers for man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

. Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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3 Composition/information on ingredients

. Chemical characterization

. Description:

Cleaning fluid

. Dangerous components:

80939-62-4 Amine, C11-14-verzweigte Alky-, Monohexyl und Dihexylphosphate

Xi, N; R 36/38-51/53 < 1%

110-25-8 Oleoilsarkosin

Xi, N; R 38-41-50/53 < 1%

4 First aid measures

. General information:

Position and transport in a stable posture on side.

. After inhalation:

Supply fresh air; consult doctor in case of symptoms.

. After skin contact:

Wash with water and soap and rinse thoroughly

If skin irritation continues, consult a doctor.

. After eye contact:

Rinse opened eye for several minutes under running water.

. After swallowing:

In case of persistent symptoms consult doctor.

5 Fire fighting measures

. Suitable extinguishing agents:

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

. For safety reasons unsuitable extinguishing agents

Water with a full water jet.

. Protective equipment:

Wear self-contained breathing apparatus.

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6 Accidental release measures

- . **Person-related safety precautions:** Product forms slippery surface when combined with water.
- . **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.
- . **Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- . **Additional information:** No dangerous materials are released.

7 Handling and storage

- . **Handling**
- . **Information for safe handling:** Store in cool, dry conditions in well sealed containers.
- . **Information about protection against explosions and fires:** No special measures required.
- . **Storage**
- . **Requirements to be met by storerooms and containers:** No special requirements.
- . **Information about storage in one single storage facility:** Store away from food.
Store away from oxidizing agents.
- . **Further information about storage conditions:** Store container in a well ventilated position.

8 Exposure controls and personal protection

- . **Additional information about design of technical systems:** No further data; see item 7.
- . **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- . **Additional information:** The lists that were valid during the compilation were used as basis.
- . **Personal protective equipment**
- . **Breathing equipment:** Not required.
- . **Protection of hands:** Protective gloves.
- . **Material of gloves:** Nitrile rubber, NBR
- . **Penetration time of glove material:** Value for the permeation: Level $\geq 0,7$ mm 480 min (8h)EN 374
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- . **Eye protection:** Safety glasses recommended during refilling.

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9 Physical and chemical properties:

- . **General Information**
- . **Form:** Fluid
- . **Colour:** Colourless
- . **Smell:** Characteristic
- . **Change in condition**
- . **Melting point/Melting range:** Not determined
- . **Boiling point/Boiling range:** Not determined
- . **Flash point:** $> 130^{\circ}\text{C}$
- . **Self-inflammability:** Product is not selfigniting.
- . **Danger of explosion:** Product is not explosive.
- . **Critical values for explosion:**
- . **Lower:** Not determined

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. Oxidizing properties	Not determined
. Steam pressure at 20°C:	< 0.1 hPa
. Density at 20°C	0.835 g/cm ³
. Solubility in / Miscibility with Water:	Not miscible or difficult to mix
. Viscosity: kinematic at 20°C:	36 - 44 mm ² /s (DIN ISO 51562)
. Solvent content: Organic solvents:	0.0 %

* 10 Stability and reactivity

. Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
. Materials to be avoided:	oxidizing agents Acid
. Dangerous reactions	Reacts with strong oxidizing agents
. Dangerous products of composition:	Carbon monoxide and carbon dioxide

11 Toxicological information

. Acute toxicity:	
. Primary irritant effect: on the skin:	Irritant effect possible
. on the eye:	Irritant effect possible
. Sensitization:	No sensitizing effect known.
. Additional toxicological information:	The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

. General notes:	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
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13 Disposal considerations

. Product:	
. Recommendation:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
. European waste catalogue	
13 00 00 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	
13 02 00 waste engine, gear and lubricating oils	
13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils	
. Uncleaned packagings:	
. Recommendation:	Disposal must be made according to official regulations.

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14 Transport information

- . Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
- . ADR/RID-GGVS/E Class: -
- . Maritime transport IMDG/GGVSea:
- . IMDG/GGVSea Class: -
- . Marine pollutant: No
- . Air transport ICAO-TI and IATA-DGR:
- . ICAO/IATA Class: -

15 Regulatory information

- . Designation according to EC guidelines: *Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).*
- . Safety phrases: 56 *Dispose of this material and its container to hazardous or special waste collection point.*
- . National regulations
- . Water hazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . Department issuing data specification sheet: *Environment protection department.*
- . Contact: *Mr. Roland Fell*
- . * Data compared to the previous version altered.