

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.04.2015

Version number 1502

Revision: 28.04.2015

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

#### 1.1 Product identifier

Trade name: **SIROBreeze**

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

Application of the substance / the mixture: No further relevant information available.  
Cleaning material/ Detergent

#### 1.3 Details of the supplier of the safety data sheet

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

Further information obtainable from: Environment protection department

#### 1.4 Emergency telephone number:

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

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

Information concerning particular hazards for human 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 according to the latest editions of the EU-lists, and extended by company and literature data.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void  
Hazard pictograms: Void  
Signal word: Void  
Hazard statements: Void

#### 2.3 Other hazards

Results of PBT and vPvB assessment:  
PBT: Not applicable.  
vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

|                                      |         |
|--------------------------------------|---------|
| Mineralöle, Pflanzenöle und Additive | 50-100% |
|--------------------------------------|---------|

Description: Detergent composition

#### Dangerous components:

|                                                                   |        |
|-------------------------------------------------------------------|--------|
| Amines, C11-14-branched alkyl, monoheptyl and diheptyl phosphates | < 2.5% |
|-------------------------------------------------------------------|--------|

Xi R36/38; N R51/53

Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

Xi R38-41; N R50/53

Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315

Additional information: For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General information: Position and transport stably in side position.  
No special measures required.  
After inhalation: Supply fresh air; consult doctor in case of complaints.  
After skin contact: If skin irritation continues, consult a doctor.  
After eye contact: Rinse opened eye for several minutes under running water.  
After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.04.2015

Version number 1502

Revision: 28.04.2015

**Trade name: SIROBreeze**

(Contd. of page 1)

- 4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### SECTION 5: Firefighting measures

- 5.1 Extinguishing media**  
 . Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
 Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture**  
 No further relevant information available.
- 5.3 Advice for firefighters**  
 . Protective equipment: Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures** Product forms slippery surface when combined with water.
- 6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections** No dangerous substances are released.  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

### SECTION 7: Handling and storage

- 7.1 Precautions for safe handling** Store in cool, dry place in tightly closed receptacles.  
 . Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities**  
 . Storage:  
 . Requirements to be met by storerooms and receptacles: No special requirements.  
 . Information about storage in one common storage facility: Store away from foodstuffs.  
 Store away from oxidising agents.  
 . Further information about storage conditions: Store receptacle in a well ventilated area.
- 7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- . Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters**  
 . Ingredients with limit 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 valid during the making were used as basis.
- 8.2 Exposure controls**  
 . Personal protective equipment:  
 . Respiratory protection: Not required.  
 . Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
 Nitrile rubber, NBR  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- . Material of gloves
- . Penetration time of glove material  
 Value for the permeation: Level ≤ 0,7 mm 480min (8h) EN374  
 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.  
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 3)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.04.2015

Version number 1502

Revision: 28.04.2015

**Trade name: SIROBreeze**

. Eye protection: Goggles recommended during refilling

(Contd. of page 2)

### SECTION 9: Physical and chemical properties

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

##### . General Information

##### . Appearance:

##### . Form:

Fluid

##### . Colour:

Colourless

##### . Odour:

Characteristic

##### . Odour threshold:

Not determined.

##### . pH-value:

Not determined.

##### . Change in condition

##### . Boiling point/Boiling range:

100 °C

##### . Flash point:

&gt; 130 °C

##### . Flammability (solid, gaseous):

Not applicable.

##### . Ignition temperature:

##### . Decomposition temperature:

Not determined.

##### . Self-igniting:

Product is not selfigniting.

##### . Danger of explosion:

Not determined.

##### . Explosion limits:

##### . Lower:

Not determined

##### . Oxidising properties

Not determined

##### . Vapour pressure at 20 °C:

&lt;0.1 hPa

##### . Density at 20 °C:

0.835 g/cm<sup>3</sup>

##### . Relative density

Not determined.

##### . Vapour density

Not determined.

##### . Evaporation rate

Not determined.

##### . Solubility in / Miscibility with

##### . water:

Not miscible or difficult to mix.

##### . Partition coefficient (n-octanol/water):

Not determined.

##### . Viscosity:

##### . Dynamic:

Not determined.

##### . Kinematic at 20 °C:

40 mm<sup>2</sup>/s (DIN ISO 51562)

##### . Solvent content:

##### . Organic solvents:

0.0 %

#### . 9.2 Other information

No further relevant information available.

### SECTION 10: Stability and reactivity

#### . 10.1 Reactivity

#### . 10.2 Chemical stability

##### . Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

#### . 10.3 Possibility of hazardous reactions

Reacts with strong oxidising agents.

#### . 10.4 Conditions to avoid

No further relevant information available.

#### . 10.5 Incompatible materials:

oxidizing agents

#### . 10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

### SECTION 11: Toxicological information

#### . 11.1 Information on toxicological effects

##### . Acute toxicity:

##### . Primary irritant effect:

##### . on the eye:

No irritating effect.

##### . Sensitisation:

No sensitising effects known.

##### . Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.

### SECTION 12: Ecological information

#### . 12.1 Toxicity

##### . Aquatic toxicity:

No further relevant information available.

#### . 12.2 Persistence and degradability

No further relevant information available.

#### . 12.3 Bioaccumulative potential

No further relevant information available.

(Contd. on page 4)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.04.2015

Version number 1502

Revision: 28.04.2015

**Trade name: SIROBreeze**

(Contd. of page 3)

**12.4 Mobility in soil**

No further relevant information available.

. Additional ecological information:

. General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment**

. PBT:

Not applicable.

. vPvB:

Not applicable.

**12.6 Other adverse effects**

No further relevant information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Dispose of contents/container in accordance with local/regional/national/international regulations.

. 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 packaging:

. Recommendation:

Non contaminated packagings may be treated like household garbage.

**SECTION 14: Transport information****14.1 UN-Number**

. ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

. ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

. ADR, ADN, IMDG, IATA

. Class

Void

**14.4 Packing group**

. ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

. Marine pollutant:

No

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

. UN "Model Regulation":

-

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

. National regulations:

. Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

. Department issuing MSDS:

Environment protection department.

. Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

. \* Data compared to the previous version altered.