

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: Vertex™ Thermo Flow

Address/Phone no.: Vertex-Dental B.V.
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The Netherlands
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Emergency Phone No.: +31 30 6976749 (only available during office hours)

Local Contact Details:

Local Emergency Phone no.:

Intended Use: Separation fluid suitable for dental injection technique.

2. HAZARDS IDENTIFICATION

Not intended for human internal consumption.
Not expected to present a hazard under anticipated conditions of use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not classified as a dangerous substance according Regulation (EC) No 1272/2008 [EU-GHS/CLP].

4. FIRST AID MEASURES

Description of first aid measures

General advice: Not expected to present a significant health hazards upon short-term exposure.

Inhalation: Vaporization is not expected at ambient temperatures, but should inhalation occur, immediately remove personnel from contaminated area to fresh air. Obtain medical attention if there are signs of breathing difficulties.

Skin contact: Remove by wiping; then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather goods and shoes.

Eye contact: Flush eyes with clean, low pressure water at least 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing, obtain medical attention.

Ingestion : No significant signs or symptoms indicative of any adverse health effects are

Product name: Vertex™ Thermo Flow

expected; but to not induce vomiting, since aspiration into the lungs may cause lipid pneumonia.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Foam, dry chemical or CO ₂ .
Specific hazards during fire:	Carbon monoxides and other harmful substances.
Advice for fire fighters:	Wear self contained breathing apparatus for fire fighting if necessary.
Further information:	For fires involving this product, do not enter any enclosed or confined spaces without proper protective equipment. This may include self-containing breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. If fire-fighters cannot work upwind to the fire, respiratory protective equipment must be worn. Cool tanks and containers exposed to fire with water. Burning liquid will float on water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Safety glasses should be adequate protection.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Cleaning methods	Contain spill, if possible, safely stop flow spill. Spill may create slipping hazards. Evacuate all non-essential personnel from the spill area.

7. HANDLING AND STORAGE

Handling	Not expected to present a significant health hazards upon short-term exposure.
Storage	Store in an ambient place. Slightly combustible! When heated above its flash point, this material will release flammable vapours which can burn in the open or be explosive in confined spaces if exposed to an ignition source. Mists or sprays may be flammable at temperatures below the normal flash point. Keep away from extreme heat and open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Product name: Vertex™ Thermo Flow

Wash hands with plenty of soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs.

Personal protective equipment

Eye/face protection

Safety glasses should be adequate protection. Have a suitable eyewash available.

Skin protection

No special skin protection other than a good personal hygiene practice is recommended under anticipated conditioning of use.

Respiratory protection

None needed under anticipated use conditions with adequate ventilation. If exposure exceeds the occupational exposure limits, wear proper respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Liquid
Colour	Light Pink
Odour	Mint

Safety data

PH	7	
Melting point	Not applicable	
Boiling point/range	230 – 370°C	
Flash point	186°C	
Auto ignition temperature	343°C	
Flammable limits (%vol in air)		
Lower	Not applicable	
Upper	Not applicable	
Specific gravity	0.86	(Water = 1)
Water solubility	Negligible	

10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable
Possibility of hazardous reactions	Not expected to occur.
Conditions to avoid	Extreme heat and open flame.
Incompatible materials	Strong acids and oxidizers.
Hazardous decomposition products	Carbon monoxide and other harmful substances,

Product name: Vertex™ Thermo Flow

11. TOXICOLOGICAL INFORMATION

Inhalation	No significant adverse health effect are expected to occur upon short-term exposure.
Eye contact	No irritation is expected from short-term exposure.
Skin absorption	No significant adverse health effects are expected to occur upon short-term exposure.
Skin irritation	No irritation is expected from short-term exposure
Ingestion	Ingestion will produce carthartic (Laxative) effect and may be irritation to the digestive tract. Aspiration into lungs will cause lipid pneumonia.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information	No current data available.
Chemical fate information	No current data available.

13. DISPOSAL CONSIDERATIONS

Disposal method	Maximize product recovery for re-use or recycling.
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14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

Chemical safety assessment
No data available.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable in the product with regard to appropriate safety precautions.

Places marked by || have been amended form the last version.

This is the end of MSDS ID: TF-F-00-UK