

# MATERIAL SAFETY DATA SHEET

according to the standard ISO 11014-1

Product name: FLUOCAL  
MSDS n°

Date: (Still Current May 31, 2004)  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **FLUOCAL**

### DISTRIBUTOR

Name: SEPTODONT OF CANADA, INC.  
Address: 36 Wolseley Court, Cambridge, Ontario CANADA N1R 6X3  
Telephone: (519) 623-0506  
Facsimile: (519) 623-4290

Emergency phone number: (519) 623-0506 ext 307

## 2. COMPOSITION / INFORMATION ON COMPONENTS

FLUOCAL SOLUTION

## 3 - INFORMATION ON INGREDIENTS

Hazardous components	cas n0	classification
Glycerol (mist)	200- 289- 5 90	
Sodium fluoride	7681- 49- 4 1	F1126- 32- 36138 S22- 36- 45

## 4 - HAZARDOUS IDENTIFICATION

*Inhalation:* If inhaled, move to fresh air- If not breathing, give artificial respiration. If difficulty breathing, give oxygen.

*Ingestion:* If ingested, immediately call a physician.

*Skin:* If skin contact, flush skin with water.

*Eyes:* If eye contact flush eyes with plenty of water for at least 15 minutes.

In all cases, call a Physician.

## 5 - FIRE FIGHTING MEASURES

*Extinguishing media:* water spray / fog CO2 foam; dry chemical.

*Special fire fighting procedures:* wear protective gear and self contained breathing apparatus. Foam may cause frothing.

*Special fire and explosion hazards:* may produce at high temperatures. acrolein and fluoride vapors/gases. Heavy spore may travel along ground and cause flash back.

## 6 - ACCIDENTAL RELEASE MEASURES

*Personal precautions:* wear protective equipment and respirator as necessitated by nature and size of spill.

*Environmental precautions:* follow all applicable local disposal regulations.

*Methods for cleaning up:* use an absorbent material to pick up material and place in a container for proper disposal.

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**7 - HANDLING AND STORAGE**

*Handling:* keep container tightly closed. Use in property ventilated areas.

*Storage:* store away from heat in dry area.. Do not mix with other chemical solutions.

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**8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

*Respiratory precautions:* single dental patient use in properly ventilated area / room should not necessitate use of respirators. If unsure of exposure or for other exposures. select a respirator suitable for mist / vapors.

*Ventilation:* normally not needed provided existing room ventilation is adequate for single patient solution usage.

*Hand protection:* wear protective gloves

*Eye protection:* wear safety glasses; splash goggles as usage requires.

*Skin protection:* wear as required for dental patient care.

*Specific hygienic practices:* avoid breathing vapors. Avoid eye and skin contact Wash thoroughly after handling. Wash clothing if contact with solution.

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**9 - PHYSICAL AND CHEMICAL PROPERTIES**

*Appearance and odour:* clear. nearly colourless liquid. odourless.

*pH:*

*Boiling point:* >1430 C

*- Melting point:* > 180 C

*Relative density:* > 1.26

*vapor pressure (mbar):* < 1 mm

*-Vapor density:* 3.17 at 200 C

*Solubility:* - *Water solubility:* Soluble

- *fat solubility:*

*Flash point:* > 3200 F Flammable Limits: N.A.

*LEL* > 0.9 - *UEL:*

*Partition coefficient (n-octanol/water):*

*Other Data:*

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**10 - STABILITY AND REACTIVITY**

*stability:* stable

*Conditions to avoid:* N.A.

*Materials to avoid:* acids auid strong bases.

*Hazardous decomposition products:* Fluid vapors can be produced from heat but should be small in quantity due to small amount of fluoride (loss than 0.6 g) in solution. With heat. could produce acrolein vapors/gases.

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**11 - TOXICOLOGICAL INFORMATION**

*Route of entry:* inhalation. skin. ingestion.

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**12 - ECOLOGICAL INFORMATION**

Follow all local environmental and safety regulations.

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**13 - DISPOSAL CONSIDERATIONS**

Follow all local environmental and safety regulations

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**14 - TRANSPORT INFORMATION**

Not applicable.

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**16 - REGULATORY INFORMATION**

Not applicable.

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**16 - OTHER INFORMATION**

Not applicable