

SPARKL[®] DENTAL INSTRUMENT CONCENTRATE

Material Safety Data Sheet

SECTION I

Manufacturer: StarDental[®]
1816 Colonial Village Lane
Lancaster, PA 17601-5891
Emergency Phone #: 717-291-1161 (717-575-9477)
Information Phone #: 1-866-DTE-INFO
Date Prepared: 3/19/2007

SECTION II: HAZARD INGREDIENTS AND IDENTITY INFORMATION

Chemical Name.....N/A Chemical FamilyN/A Formula.....205472

Chemical & Common Name(s)	CAS#	PEL	TLV	Vapor Pressure @ 20° F	LEL	UEL	Flash Point (° F)
Sodium Nitrate 1-5%	7632-00-0	N/D	N/D	N/A	N/E	N/E	N/A
Non-hazardous Ingredients	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SECTION III: PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (° F) 100°C
Specific Gravity (H₂O=1) 1.15
Vapor Pressure (mm Hg.) @20°C: N/A
Percent Volatile by Weight (%) N/E
pH 9.9
Melting Point N/A
Vapor Density (Air=1) N/A
Evaporation Rate (Butyl Acetate=1) N/E
Solubility in Water Complete
Appearance and Odor
Concentrate Clear red liquid with medicinal odor
Finished Package Plastic bottle

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point.....None
Flammable Limits in air by Volume N/A
LEL N/A
UEL N/A
Extinguisher Media.....Water Fog, Dry Chemical, Foam or CO₂
Special Fire Fighting Procedures.. Normal firefighting procedures may be used.
Unusual Fire/Explosion Hazards No special hazards known
Contents can build-up pressure.
Do not store near heat or high temperature source.

Conditions to Avoid.....Not Known
Hazardous Decomposition Products.....
Oxides of carbon, nitrogen, sodium and sulfur
Hazardous Polymerization Will Not Occur
Chronic Effects Not Known

SECTION VI: HEALTH HAZARD DATA

Routes of Entry
Inhalation No
Skin Yes
Ingestion Yes
Health Hazards (Chronic Effects) Not known
Health Hazards (Acute) May cause eye irritation,
prolonged skin contact can be a mild irritant

SECTION V: REACTIVITY DATA

Stability.....Stable
Incompatibility Strong Acids and Strong Oxidizing Agents

SECTION VI: HEALTH HAZARD DATA (CONT.)

Carcinogenicity

National Toxicology Program..... No
I.A.R.C. Monographs..... No
O.S.H.A. Regulated..... No

Signs and Symptoms of Exposure

Eyes:..... Can cause irritation with discomfort,
tearing or blurring of vision
Skin Absorption: No acute effects known.
Skin Contact: Can cause irritation with discomfort or rash.
Inhalation: Can cause irritation of the upper
respiratory tract and coughing may occur.
Ingestion: Can irritate mouth, esophagus and stomach.
Oral LD 50 not established.

Medical Conditions Generally Aggravated by Exposure N/E

Emergency and First Aid Procedures

Eyes:.....Flush with large amounts of water.
Contact a physician immediately.
Skin:.....Wash skin with water.
Contact a physician immediately.
Wash clothing before reuse. Discard non-rubber shoes.
Inhalation:..... If inhaled, move to fresh air.
Contact a physician immediately.
Ingestion:Give large quantities of water and several
glasses of milk. If vomiting occurs, keep airways clear
and provide more water. Contact a physician immediately.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**Steps to be Taken if Released or Spilled**

Spill & Leak Response: Absorb spill with inert material
(e.g. dry sand or earth) then place in a chemical waste container.
Rinse affected area with water.

Waste Disposal Dispose of in accordance with local,
state, and federal regulations. The materials resulting from clean-up
operations may be hazardous wastes and subject to specific regula-
tions. Package, store, transport, and dispose of in accordance with all
applicable local, state, and federal regulations.

Storage Store in closed containers in a cool, dry
well ventilated area. Maintain closure of bungs. Store at temperatures
between 40°F and 120°F. Do not reuse container.

Handling : Danger: Avoid contact with skin, eyes, and clothing.
Do not wear contact lenses when handling this product.
Keep out of reach of children. Wash thoroughly after handling.

SECTION VIII: CONTROL MEASURES

Respiratory Protection... If mist/vapors are not adequately controlled
by ventilation, use NIOSH/OSHA approved respiratory protection.

Ventilation None required

Protective Gloves Wear rubber gloves.

Eye Protection Safety glasses with side shields
or chemical goggles. Do not wear contact lenses.

Other Protective Wear..... Wear appropriate
clothing to avoid skin contact.

Work Practices Read label for instructions in use of product.
Recap when not in use and store in ambient
temperature away from heat source.

SECTION X: ADDITIONAL REGULATORY INFORMATION

OSHA (Occupational Safety, and Health Administration)
29 CFR 1910.1200 Hazardous Chemical: yes

SARA (Superfund Amendment and Reauthorization Act)

Section 311: Hazardous Chemical - yes
Immediate - yes
Delayed - yes
Fire - no
Sudden Release - no
Reactive - no

Section 313: Toxic Chemical - yes
Sodium Nitrite, CAS No. 7632-00-0: 1-5%

*The information herein is given
in good faith, but no warranty,
expressed or implied, is made.*



**For new products, manuals and
technical information, call
1-866-DTE-INFO or visit
our web site @ www.dentalez.com.**

SECTION IX: OTHER HAZARD INFORMATION

DO NOT ADD AMINES TO THIS PRODUCT. Product contains so-
dium nitrite which can react with amines to form nitrosamines
which are known to be animal carcinogens.

Absorption of sodium nitrite into the body may lead to the
formation of methemoglobin which in sufficient concentration
causes cyanosis. Since reversion of methemoglobin to hemoglo-
bin occurs spontaneously after termination of exposure, moder-
ate degrees of cyanosis need to be treated only by supportive
measures such as bed rest and oxygen inhalation. Thorough
cleansing of the entire contaminated area of the body including
scalp and nails is of utmost importance.

California Proposition 65

This product contains no listed substances
known to the state of California to cause
cancer, birth defects, or other reproductive
harm at levels which would require a warning
under statute.

StarDental 
A DentalEZ Group Brand

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