

Safety Data Sheet

SECTION 1 IDENTIFICATION

**Product Name:** DentaLube CFC Free  
**Part Number:** 261818  
**Manufacturer:** StarDental®  
1816 Colonial Village Lane  
Lancaster, PA 17601  
717-291-1161, Fax 717-291-3249  
**Product Information:** 1-866-DTE-INFO (1-866-383-4636)  
**Emergency Response:** FOR CHEMICAL EMERGENCY  
Spill, Leak, Fire Exposure or Accident  
Call INFOTRAC - 24 Hour Number: 1-800-535-5053  
Outside of the United States Call 24 Hour Number: 001-352-323-3500

SECTION 2 HAZARD(S) IDENTIFICATION

**Classification:** Hazardous  
**Warning:** This product has been evaluated and does not require any hazard warning label under the OSHA Hazard Communication Standard.  
Suggested H.M.I.S. Rating ..... 1-3-0-B  
Potential Routes of Entry  
Inhalation .....Yes  
Skin.....Yes  
Ingestion.....Yes  
Health Hazards (Acute and Chronic Effects) .....Prolonged breathing of vapors may cause headache and dizziness  
Carcinogenicity  
National Toxicology Program .....No  
I.A.R.C. Monographs .....No  
O.S.H.A. Regulated .....No

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name .....Petroleum Lubricating Oil Chemical Family .....Petroleum Hydrocarbon Formula ..... SCH-SD1

| Chemical & Common Name(s) | CAS#   | OSHA PEL   | ACGIH TLV | Vapor Pressure @ 20° F | LEL       | UEL      | Flash Point (° F) |
|---------------------------|--------|------------|-----------|------------------------|-----------|----------|-------------------|
| Heptane                   | 80-90% | 142-82-5   | 500 ppm   | 400 ppm                | 76 mm Hg  | 1.9 11.6 | 19 (TCC)          |
| Petroleum Lubricating Oil | 5-12%  | 64742-57-7 | N/D       | 5 mg/CuM               | <.01 mmHg | 0.9 7.0  | 480 (COC)         |
| Carbon Dioxide            | 3-5%   | 124-38-9   | N/D       | 5000 ppm               | 1 atm     | N/A N/A  | N/A               |

SECTION 4 FIRST AID MEASURES

Eyes .....Flush with water for at least 15 minutes, call a physician.  
Ingestion .....Call a physician, do not induce vomiting.  
Inhalation .....If inhaled, move to fresh air. If breathing is irregular, call a physician.  
Skin .....Wash with soap and water, remove contaminated clothing. Call a physician if irritation persists.

**Signs and Symptoms of Exposure:**  
Eyes ..... Causes irritation.  
Ingestion ..... May produce abdominal pain and nausea.  
Inhalation ..... May cause headache, dizziness, anesthesia, drowsiness, unconsciousness, and others including death.  
Skin Contact .....Prolonged contact can defat skin and cause dermatitis.  
Medical Conditions Generally  
Aggravated by Exposure.... Repeated or prolonged skin contact may defat skin and produce irritation and dermatitis.

SECTION 5 FIRE FIGHTING MEASURES

**Extinguisher Media** -  
Dry Chemical or CO2  
**Special Fire Fighting Procedures** -  
Water can be used to cool cans to prevent possible pressure build-up.  
**Unusual Fire/Explosion Hazards** -  
Flammable and under pressure. Do not store near heat or high ignition source. Container can burst at temperatures above 130°F (55°C).

SECTION 6 ACCIDENTAL RELEASE MEASURES

Use proper personal protective equipment as indicated in Section 8.  
**Spill and/or Leak Response** -  
Small spill... Remove ignition sources. Mop, wipe or soak up immediately. Use proper protective equipment.  
Large spill... Evacuate area. Contain liquid and transfer to appropriate container. Keep out of water supply.

SECTION 7 HANDLING AND STORAGE

**Storage** -  
Do not expose to heat or store at temperatures exceeding 130°F (55°).  
**Handling** -  
Avoid breathing vapors. Vapors are heavier than air and will collect in low areas. Avoid prolonged contact with skin. Flammable, contents under pressure, Do Not Puncture or incinerate.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection** -  
If mist/vapors are not adequately controlled by ventilation, use NIOSH/OSHA or Bureau of Mines approved organic vapor-type respiratory protection.  
**Ventilation** -  
Local exhaust to keep below TLV.  
**Protective Gloves** -  
Solvent resistant.  
**Eye Protection** -  
Safety glasses or goggles.  
**Other Protective Wear** -  
N/A  
**Work Practices** -  
Read label for instructions in use of product. Wash hands thoroughly after use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance ..... clear-to-opaque liquid  
Odor .....characteristic petroleum odor  
Odor Threshold.....not determined  
pH.....not applicable  
Melting Point/Freezing Point.....-91°C (-132°F)  
Initial Boiling Point and Boiling Range .....201-750°C (393-1382°F)  
Flash Point.....19(TCC)  
Evaporation Rate (Butyl Acetate=1) .....>1  
Flammability (solid,gas) .....not applicable  
Upper/Lower Flammability or Explosive Limits:  
LEL.....0.9  
UEL.....11.6  
Vapor Pressure (mm Hg.) .....76  
Vapor Density (Air=1) .....>1  
Relative Density .....not determined  
Solubility(ies).....negligible in water  
Partition Coefficient: n-octanol/water .....>3.0  
Auto-ignition temperature.....204°C (399°F)  
Decomposition Temperature.....not determined  
Viscosity .....not determined  
Specific Gravity (H<sub>2</sub>O=1) ..... 0.72 (at Air=1, 1.53)  
Percent Volatile by Weight (%) .....Approximately 88

SECTION 10 STABILITY AND REACTIVITY

**Stability:**  
Stable  
**Incompatibility:**  
Strong Oxidizing Agents  
**Conditions to Avoid:**  
Avoid any heat or ignition sources, open flames or other high temperature sources  
**Hazardous Decomposition Products:**  
Carbon Monoxide  
**Hazardous Polymerization:**  
Will Not Occur  
**Chronic Effects:**  
Repeated or prolonged skin contact may defat skin and produce irritation and dermatitis.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage; eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Skin Corrosion/Irritation:** May cause mild irritation, redness, and/or pain

**Serious Eye Damage/Irritation:** May irritate eyes. Splashes may produce redness and/or pain

**Respiratory or Skin Sensitization:** Inhalation of vapors irritate the respiratory tract. May produce light headaches, dizziness, muscle incoordination, loss of appetite and and/or nausea.

**Germ Cell Mutagenicity:** not determined

**Carcinogenicity:** none

**Reproductive Toxicity:** none

**STOT - Single Exposure:** not determined

**STOT - Repeated Exposure:** not determined

**Ingestion:** May product abdominal pain and/or nausea

**Effects:** not determined

**Listings:** No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer.

## SECTION 14 TRANSPORT INFORMATION

**UN Number:** UN 1950

**UN Proper Shipping Name:** Aerosols, Flammable

**Transport Hazard Class(es):** Consumer Commodity, ORM-D

**Packing Group, if applicable:** Y203 (n.o.s. Solution, 3)

**Environmental Hazards:**

Marine Pollutant (Yes/No): No

Other(s): none

**Transport in Bulk** (according to Annex II of MARPOL 73/78 and the IBC Code): No

**Special Precautions:** none

## SECTION 12 ECOLOGICAL INFORMATION

**Ecotoxicity:**

Aquatic: The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

Terrestrial: Information not available.

See sections 6 for accidental release measures.

**Persistence and Degradability:** Information not available.

**Bioaccumulative Potential:** Information not available.

**Mobility in Soil:** Information not available.

**Other Adverse Effects (such as hazardous to the ozone layer):** Information not available.

## SECTION 15 REGULATORY INFORMATION

**OSHA Hazard Communication Standard:**

Hazardous Chemical: No

**TSCA Status:** Heptane and Carbon Monoxide are listed on the TSCA inventory. Petroleum Lubricating Oil is not listed on the TSCA inventory.

**SARA Status:**

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

Section 313: Toxic Chemical - No

### 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.

## SECTION 13 DISPOSAL CONSIDERATIONS

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 regulations. Package, store, transport, and dispose of in accordance with all applicable local, state, and federal regulations.  
Do Not incinerate.

## SECTION 16 OTHER INFORMATION

Safety Data Sheet 61869 Rev K: Date of Preparation 03/06/2015

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. The information herein is given in good faith but no warranty, either express or implied, is made.