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 13 DISPOSAL CONSIDERATIONS

Must be disposed of by a licensed firm. 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 14 TRANSPORT INFORMATION

UN Number: UN1950, II

UN Proper Shipping Name: Aerosols, 2.1

Transport Hazard Class(es): DOT Hazard Class (49 CFR 172.101); Consumer Commodity, ORM-D

Packing Group, if applicable: 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): Yes

Special Precautions: none

SECTION 15 REGULATORY INFORMATION

OSHA Hazard Communication Standard: Hazardous Chemical: No

TSCA Status: All components of this product are listed on the TSCA inventory.

SARA Status:

Section 311/312 Hazard Class (40 CFR 370): Hazardous Chemical - No
Immediate - No
Delayed - No
Fire - Yes
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 16 REGULATORY INFORMATION

Safety Data Sheet 063036 Rev I: Date of Preparation 05/24/2013

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.

SDS No. 63036 I

SECTION 1 IDENTIFICATION

Product Name: Handpiece Lubricant

Part Number: 263022 and 264183

Manufacturer: StarDental®
1816 Colonial Village Lane
Lancaster, PA 17601

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: Non-Hazardous
OSHA/NFPA Flammable/Combustible Liquid Classification IB

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

Potential Routes of Entry
- Inhalation .....Yes
- Skin.....Yes
- Eye.....Yes
- Ingestion.....Yes

Health Hazards (Acute and Chronic Effects): Eye contact could cause possible corneal damage. Exposure over occupational limits causes central nervous system depression ranging from dizziness to unconsciousness, narcosis, coma, respiratory failure and death. *This material contains a flammable solvent*. Store away from heat or open flame. May be irritating to the eyes and respiratory tract. Vapors can reduce the amount of oxygen available for breathing.

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

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical & Common Name(s)	CAS#	% wt *or* % vol	ACGIH TLV
Heptane	142-82-5	45-55	400 ppm
1-Decene, homopolymer, hydrogenated	68037-01-4	45-55	Not Established
Carbon Dioxide	124-38-9	3-5%	5000 ppm

SECTION 4 FIRST AID MEASURES

Eye Contact: Flush thoroughly with water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if symptoms persist.

Inhalation: If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention. If person is not breathing, give artificial respiration. If breathing is difficult, administer oxygen if available.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by a physician.

SECTION 4 FIRST AID MEASURES, CONTINUED

Signs and Symptoms of Exposure:

Eye: May cause irritation and pain.

Skin: Repeated or prolonged skin contact may cause dryness, reddening, itching and inflammation. May cause allergic reactions in some individuals.

Inhalation: May irritate the respiratory tract and mucous membranes.

Ingestion: Ingestion of large amounts causes symptoms similar to those listed under “Inhalation”.

Medical Conditions Generally Aggravated by Exposure:

Skin contact may aggravate an existing dermatitis. Frequent daily exposure could conceivably result in the defatting of the skin leading to dermatitis.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: CO2, dry chemical, foam. Water spray may be used to keep fire exposed containers and structures cool, dilute spills to nonflammable mixtures and to protect personnel.

Special Fire Fighting Procedures: Wear a NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff from fire control methods to sewers or waterways.

Unusual Fire/Explosion Hazards: Vapors form a flammable mixture with air. Avoid contact with high-energy sparks, flames or high intensity sources of heat. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, open flames, sparks and other sources of ignition at locations distant from material handling point. Vapors may accumulate in low and confined areas. Never use welding or cutting torches on or near containers (even empty), because product (even just residue) can ignite explosively.

Hazardous Combustion Products: Sulfur oxides, aldehydes, carbon monoxide and small amounts of other toxic fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Use proper personal protective equipment as indicated in Section 8. Observe precautions from other sections. Eliminate all ignition sources. Ventilate area, especially low places where heavy vapors may collect. Contain any spill with dikes or absorbents to prevent migration and entry into drains, sewers or bodies of water.

Spill and/or Leak Response -

Small spill	Take up small spills with absorbent.
Large spill	Take up large spills with pump or vacuum and finished off with absorbent.

Wipe or scrape up saturated absorbent and place it in proper container for disposal, see Section 13 Disposal Considerations. Wash walking surfaces thoroughly to reduce slipping hazard.

SECTION 7 HANDLING AND STORAGE

Storage: Do not store in open or unlabeled containers. Store in well ventilated, cool, dry areas away from heat, sources of ignition and incompatibles. Do not expose container to heat or store at temperatures exceeding 130° F (55° C).

Handling: Exercise ordinary care in handling industrial lubricants. Avoid breathing vapors and mists. Avoid contact with eyes skin and clothing. Avoid contamination of cigarettes or other tobacco products. Wash hands thoroughly before eating or smoking. Remove contaminated clothing and clean before reuse. Users should be alert to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials. Use proper grounding and bonding procedures when dispensing material.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Avoid eye contact. Wear safety glasses or goggles in accordance with OSHA 29 CFR 1910.133.

Skin Protection: Avoid skin contact. Wear chemical protective, solvent resistant gloves. Depending upon conditions of use, additional protection may be necessary - such as a face shield, apron, etc.

Ventilation: Local exhaust ventilation is required at point of use if airborne concentrations are at or above recognized health and safety levels. Ventilation and other forms of engineering controls are the preferred means for controlling chemical exposures.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION CONTINUED

Safety Stations: Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

Respiratory Protection: Avoid breathing vapors and mists. If exposure limits are exceeded or if irritation or symptoms are experienced, NIOSH approved respiratory protection should be worn. Normally, a NIOSH approved respirator for organic vapors is generally acceptable. For high concentrations and for oxygen deficient atmospheres, use a NIOSH approved air supplied respirator. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

Work practices: Never eat, drink or smoke in work areas. Wash hands thoroughly after use. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics. Read label for instrucions in use of product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	clear-to-opaque liquid
Odor	characteristic petroleum odor
Odor Threshold	not determined
pH	neutral
Melting Point/Freezing Point	-18°C (-0.4°F)
Initial Boiling Point and Boiling Range	97-105°C (206-221°F)
Flash Point	-8°C (18° F) TCC Method, ASTM D56
Evaporation Rate (Butyl Acetate=1)	5.6
Flammability (solid,gas)	not applicable
Upper/Lower Flammability or Explosive Limits % By Volume:	
LEL	1.5
UEL	11.6
Vapor Pressure (mm Hg.)	63 at 20° C
Vapor Density (Air=1)	3.9
Relative Density	not determined
Solubility(ies)	negligible in water
Partition Coefficient: n-octonal/water	not determined
Auto-ignition temperature	399°C (750°F)
Decomposition Temperature	not determined
Viscosity	not determined
Specific Gravity (H_2O=1)	0.72 (at 4° C)
Percent Volatile by Weight (%)	80

SECTION 10 STABILITY AND REACTIVITY

Stability: Handpiece Lubricant is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: This product will not undergo hazardous polymerization. Avoid static electricity.

Conditions to Avoid: Heat or flame.

Incompatibilities: Strong oxidizing materials.

Hazardous Decomposition Products: Thermal oxidative decomposition of Handpiece Lubricant can produce sulfur oxide, aldehydes, carbon monoxide as well as small amounts of other toxic fumes.

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 produce 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 for Research on Cancer.