

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
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es): Consumer Commodity: Land: ORM-D. Water: 2, limited quantity. Air: 2.1, limited quantity
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): 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 - Yes
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 065139 Rev E: Date of Preparation 05/25/2013

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. 65139 E

SECTION 1 IDENTIFICATION

Product Name: NuTorque™ Handpiece Lubricant
Part Number: 265138
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: 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 1-4-0
Potential Routes of Entry
Inhalation Yes
Skin Yes
Eye Yes
Ingestion Yes
Health Hazards (Acute and Chronic Effects):
Acute - eye irritant, possible skin irritant
Chronic - none known
Carcinogenicity
National Toxicology Program No
I.A.R.C. Monographs No
O.S.H.A. Regulated No

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS

Chemical & Common Name(s)	CAS#	WEIGHT %	ACGIH TLV	OSHA PEL	VAPOR PRESSURE mm Hg at Temp	
Butane	106-97-8	47	800 ppm	800 ppm	1640	68° F
Propane	74-98-6	16	Asphyxiant	1000 ppm	6350	68° F

SECTION 4 FIRST AID MEASURES

Eye Contact: Immediately flush thoroughly with large volumes of water for at least 15 minutes. Get immediate medical attention.
Skin Contact: Wipe off with towel. 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: Not a likely route of exposure. If swallowed, seek immediate medical advice and/or 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: Not easily absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.
Inhalation: May irritate the respiratory tract and mucous membranes. May also cause headache, nausea, fatigue, drowsiness and/or impaired coordination.
Ingestion: Not a likely route of exposure. If swallowed, seek immediate medical advice and/or attention. Do not induce vomiting unless instructed to do so by a physician.
Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: CO2, dry chemical, foam.
Special Fire Fighting Procedures: Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles are preferred. Wear goggles and 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. Vapor accumulation can flash or explode if ignited. 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. When exposed to extreme heat, closed containers may explode from internal pressure build-up and discharge contents. Never use welding or cutting torches on or near containers (even empty), because product (even just residue) can ignite explosively. Over exposure to decomposition products may cause a health hazard, symptoms may not be readily apparent, obtain medical attention.
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. Avoid breathing vapors. 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 and use in well ventilated, cool, dry areas away from heat, sparks, flame, sources of ignition and incompatibles. Do not expose container to heat or store at temperatures exceeding 130° F (55° C).
Handling: Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. See product label for additional information. Use with adequate ventilation. To prevent vapor build-up, open doors and windows or use an explosion proof exhaust fan to ensure fresh air exchange during and after use. Do not breathe vapor, gas or spray mist. When using, do not eat, drink, or smoke. Avoid contact with eyes, skin, and clothing. Wear protective equipment. Wash thoroughly after handling. remove contaminated clothing and wash it before reuse. Empty containers retain product residue, follow label warnings even after can is emptied. Do not store in basements.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Avoid eye contact. Wear safety glasses, goggles or full face shield 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 instructions in use of product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	clear-to-opaque liquid	Vapor Pressure (mm Hg.)	See ‘Section 3 - Composition’
Odor.....	characteristic petroleum odor	Vapor Density (Air=1)	Heavier than air
Odor Threshold.....	not determined	Relative Density	not determined
pH	neutral	Solubility(ies).....	negligible in water
Melting Point/Freezing Point.....	not determined	Partition Coefficient: n-octonal/water	not determined
Initial Boiling Point and Boiling Range	-42° - -.5°C(-44-31°F)	Auto-ignition temperature.....	not determined
Flash Point.....	-144°C (-156° F)	Decomposition Temperature	not determined
Evaporation Rate (Butyl Acetate=1)	Slower than ether	Viscosity	not determined
Flammability (solid,gas)	not applicable	Specific Gravity (H ₂ O=1)	0.63
Upper/Lower Flammability or Explosive Limits:		Percent Volatile by Weight (%).....	not determined
LEL	1.9		
UEL	9.5		

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: Application to hot surfaces. Storage above 130° F (55° C). Exposure to open 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 on Research on Cancer.