



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: February 20, 2007

Prophy and Handpiece Lube

A lubricant for dental handpieces and prophy angles.

Section 1- Product and Company Information

Manufacturer: Miltex, Inc; 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Mineral oil

Chemical Formula: --

Section 2 – Composition/ Information on Ingredients

No hazardous ingredients. The product is a blend of highly-refined mineral oils.

Section 3 - Health Identification

Not considered a health hazard under normal conditions of use. Contains mineral oil for which exposure limits for oil mist apply. Prolonged and/or frequent exposure can result in de-fatting of the skin, particularly at elevated temperatures. This can lead to irritation and possibly dermatitis, especially under conditions of poor personal hygiene.

Primary Route(s) of Entry: Inhalation and ingestion.

Carcinogen: ARC Program- No

IARC Program- No

OSHA Program- No

Medical Conditions Aggravated by Exposure: None known.

Section 4 - First Aid Measures

Not expect to give rise to an acute hazard under normal conditions of use. Treat symptomatically.

Eyes: Flush with tepid water for at least 15 minutes. If persistent irritation occurs, seek medical attention.

Skin: Remove contaminated clothing and wash affected area with soap and water. If persistent irritation occurs, obtain medical attention.

Ingestion: *Do not* induce vomiting. Wash out mouth with water and seek medical attention.

Inhalation: In the event of dizziness or nausea, remove person to fresh air. If symptoms persist, seek medical attention.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): 392°F (200°C) (method unknown)

Auto Ignition Temperature: >608°F (320°C) (typical)

Flammable Limits- LEL: 1% V/V (typical) UEL: 10% V/V (typical)

Extinguishing Media: Foam and dry chemical powder. Carbon dioxide, sand, or earth may be used for small fires only.

Special Fire Fighting Procedures: DO NOT use a water jet as an extinguishing media.

Unusual Fire and Explosion Hazards: Not classified as flammable, but will burn. Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, oxides or sulfur, and unidentified organic and inorganic compounds.

Section 6 - Physical and Chemical Properties

Physical State: Liquid at ambient temperature.

Appearance and Odor: Clear with an odor characteristic to mineral oil.

Boiling Point (°C): >280 (536°F)

Density: 850 kg/m³ @ 59°F (15°C)

Vapor Pressure: <0.5 pascals at 68°F (20°C)

Vapor Density (Air=1): >1 at 68°F (20°C)

Solubility in Water: Poorly soluble

Section 7 – Stability and Reactivity

Stability: Stable

Conditions to Avoid: Extremes of temperature and direct sunlight

Incompatibility/ Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products: None expected to form during normal storage.

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Avoid contact with skin and eyes. Wear impermeable gloves and boots. Absorb liquid with sand or earth. Prevent from spreading or entering into drains, ditches, or waterways.

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations.

Ecological, General: Liquid under most environmental conditions. Product floats on water. If it enters soil, it will adhere to soil particles and will not be mobile. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment. Product has the potential to bio-accumulate.

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Wear safety glasses or full-face shield if splashes are likely to occur.

Respiratory Protection: Not normally required

Ventilation Recommendations: Use local exhaust if a risk of inhalation of vapors, mist, or aerosols exists.

Skin Protection: PVC or nitrile gloves are recommended

Other: Wash hands before eating, drinking, smoking, and going to the toilet.

Section 10 – Storage and Handling

Storage: Keep in a cool, dry, well-ventilated place. Use properly labeled and closeable containers. Avoid direct sunlight, heat sources, and strong oxidizing agents. Store between 32°F (0°C) and 122°F (50°C).

Handling: Avoid making product into a mist or aerosol and then breathing it in.

Section 11 – Miscellaneous

Toxicological Information: Acute toxicity (oral) = LD₅₀ expected to be 2,000-mg/kg
Acute toxicity (dermal) = LD₅₀ expected to be 2,000-mg/kg
Eye irritant = expected to be a slight irritant
Skin irritant = expected to be a slight irritant
Respiratory irritant = If mists inhaled, slight irritation of the respirator track may occur.
Skin sensitization = Not expected to be a skin sensitizer
Mutagenicity = Not considered to be a mutagenic agent

Transportation Information: Not a DOT hazardous material.

Other: Not classified as dangerous under EC Directive 88/379/EEC or U.S. EPA Recovery Act

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