

BEYES DENTAL CANADA INC`

SAFETY DATA SHEET OSHA HCS (29 CFR 1910.1200) & UN GHS CLASSIFICATION

SECTION 1: IDENTIFICATION

Product Name: BeyesLub PLUS
Synonyms: White Mineral Oil, Paraffinum Perliquidum (U.K.)
CAS Number: See Section 3
Product Use: For use in automated dental handpiece maintenance systems
Manufacturer/Supplier: Beyes Dental Canada Inc
30 Casebridge Court
Toronto, Ontario, M1B 3M5
General Information: 1-416-281-1888
Transportation Emergency Number: 800-880-0240

SECTION 2: HAZARD(S) IDENTIFICATION

Symbols: Exclamation Mark and Health Hazard



WARNING



HEALTH HAZARD

2.1 EMERGENCY OVERVIEW

Specific Physical Form: Liquid

Odor, Color, Grade: Clear, slight amber color with mild citrus scent

General Physical Form: Liquid

Immediate health, physical and environmental hazards: None. This highly refined (H-1) food grade mineral oil is of low toxicity. Questionable carcinogen. When heated to decomposition it emits acrid smoke and irritating fumes.

2.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Signs/symptoms may include redness, tearing, blurred or hazy vision.

Skin Contact:

Mild Skin Irritation Possible

Inhalation:

Mild Irritation Possible

Ingestion:

May be fatal if swallowed and enters airways. Do not induce vomiting. Call physician.

2.3 POTENTIAL ENVIRONMENTAL EFFECTS

AQUATIC TOXICITY:

None

PERMISSIBLE CONCENTRATION:

Air 5mg/m³ for mineral oil mist, re: OSHA.

ATMOSPHERIC FATE:

This product has Zero Ozone Depletion Potential (ODP).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

White Mineral Oil	≥ 78.0 % C.A.S. No. 8042-47-5 % by volume.
Synthetic Hydrocarbons	≤ 22.0 % by volume, Proprietary Formulation; A proprietary blend of synthetic, biodegradable, non-toxic lubricants considered a Trade Secret.

SECTION 4: FIRST-AID MEASURES**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Remove contact lenses. Immediately flush eyes with large amounts of water for 15 minutes.

Skin Contact: Flush contact area with soap and water.

Inhalation: If fumes, aerosols or combustion products are inhaled, remove from contaminated area. Other measures are usually unnecessary.

If Swallowed: Immediately give a glass of water. Do not induce vomiting unless instructed to do so by medical personnel. First air is not generally required. If in doubt, seek medical attention.

4.2 NOTE TO PHYSICIANS

Exposures resulting from intentional misuse and abuse may cause an increase in myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 FLAMMABLE PROPERTIES**

Flammability: Low Hazard. Product is non-flammable at ambient temperature. Liquid may burn at temperatures near the boiling point.

Propellant: CO₂

5.2 EXTINGUISHING MEDIA

Dry chemical, CO₂, Water Spray, Foam, Water Fog and Sand Earth

5.3 PROTECTION OF FIRE FIGHTERS

Should wear protective equipment with breathing apparatus.

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated

NOTE: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Lock off leak and/or source of spill. Remove all sources of ignition and where possible, uncontaminated equipment/items. USE CAUTION AS EXPOSED SURFACES MAY BE EXTREMELY SLIPPERY. Using saturation techniques, soak up leaked and/or spilled solutions with absorbent material. Dispose of saturated materials in accordance with Federal, State and local regulations.

6.2 Environmental precautions:

Good ventilation should be sufficient. Supplementary ventilation or respiratory protection may be needed in special circumstances.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE**7.1 HANDLING**

Safety glasses and protective gloves recommended. No special precautions are necessary beyond normal good hygiene practices.

7.2 STORAGE

Store at room temperature in metal can or drum.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 ENGINEERING CONTROLS**

Not required.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**8.2.1 Eye/Face Protection**

Avoid eye contact with vapors, mists or spray. The following eye protection(s) are recommended:
Safety Glasses with side shields.

8.2.2 Skin Protection

Protective gloves.

8.2.3 Respiratory Protection

Not required.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Liquid
Color/Odor:	Clear, pleasant orange odor
Specific Gravity:	<1.0 @ 15° C
Vapor Pressure:	<0.5 mm
Flash Point:	>176° C (350° F)
Boiling Point:	>230° C
Freezing Point:	<-60° C
Evaporative Rate:	Nil @ 25° C
Sol. In Water:	Nil

pH: 7.4
Viscosity: 100 (SUS)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Nil

Conditions to Avoid: None

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition: Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

LD50 Oral: <1,000,000 mg/kg (calculated)

LD50 Dermal: 1,000,000 mg/kg (calculated)

Route of Entry:

- Skin Contact, no entry into body through skin. Prolonged contact may cause mild irritation. No permanent injury.
- Eye Contact, Slight irritation to eyes but will not injure eye tissue.
- Inhalation, No inhalation dangers at room temperatures as there are no vapors.
- Ingestion: No significant hazard. Minimal toxicity. Ingestion of large amounts may cause intestinal obstruction. Ingestion into lungs may cause chemical bronchopneumonia or pulmonary edema.
- Carcinogenicity: None

SECTION 12: ECOLOGICAL INFORMATION* (non-mandatory)

SECTION 13: DISPOSAL CONSIDERATIONS* (non-mandatory)

SECTION 14: TRANSPORT INFORMATION* (non-mandatory)

SECTION 15: REGULATORY INFORMATION* (non-mandatory)

****Note:** Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200 (g) (2)).

SECTION 16: OTHER INFORMATION

Additional Information: None

Date of Preparation: August 6, 2017

The following sections contain revisions or new statements: Section 2 – Add Pictogram; Section 2.1 – Clarification wording in Immediate health, physical and environmental hazards section; Section 4 – Clarification wording; Section 5.3 – Clarification wording; Section 7.2 – Clarification wording;

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