SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: Lares One Step Handpiece Conditioner
Product Code: 10083
Synonyms: Handpiece Lube, Handpiece Conditioner, Handpiece Spray, One Step Spray

Intended Use of the Product
Dental Handpiece Conditioner. For professional use only.

Name, Address, and Telephone of the Responsible Party
Company
Lares Research
295 Lockheed Avenue
Chico, CA 95973
530-345-1767
www.laresdental.com

Emergency Telephone Number
Emergency Number : 1-800-535-5053 INFOTRAC

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Flam. Aerosol 1 H222 H229
Skin Irrit. 2 H315
STOT SE 3 H336
Asp. Tox. 1 H304
Aquatic Acute 2 H401
Aquatic Chronic 2 H411
Full text of H-phrases: see section 16

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) : Danger
Hazard Statements (GHS-US) :
H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US) :
P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective clothing, protective gloves.
P301+P310 - If swallowed: Immediately call a poison center or doctor.
P302+P352 - If on skin: Wash with plenty of water.
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a poison center or doctor if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other Hazards
Hazard Not Otherwise Classified (HNOC): Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not pierce or burn, even after use.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha, petroleum, light alkylate</td>
<td>(CAS No) 64741-66-8</td>
<td>40</td>
<td>Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H346 Asp. Tox. 1, H304 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Petroleum gases, liquefied, sweetened</td>
<td>(CAS No) 68476-86-8</td>
<td>35</td>
<td>Simple Asphyxiant Flam. Gas 1, H220 Compressed gas, H280</td>
</tr>
<tr>
<td>White mineral oil, petroleum</td>
<td>(CAS No) 8042-47-5</td>
<td>25</td>
<td>Asp. Tox. 1, H304</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures
General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Skin Contact: Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Ingestion: DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

Most Important Symptoms and Effects Both Acute and Delayed
General: May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness and dizziness.
Inhalation: Aspiration of this material may cause chemical pneumonia. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.
Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
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**Ingestion:** The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

**Chronic Symptoms:** None expected under normal conditions of use.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Extremely flammable aerosol.

**Explosion Hazard:** Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. DO NOT fight fire when fire reaches explosives.

**Evacuate area.**

**Protection During Fighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO₂, CO).

**Reference to Other Sections**

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid breathing vapor, mist, or spray. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.

**For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

**Environmental Precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**Methods and Material for Containment and Cleaning Up**

**For Containment:** Ventilate area.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

**Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling**

**Additional Hazards When Processed:** Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

**Handling Temperature:** ≤ 50 °C (122 °F)

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.
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Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Do not expose to temperatures exceeding 50°C/122°F. Keep in fireproof place. Protect from light.


Storage Temperature: ≤ 50 °C (122 °F)

Special Rules on Packaging: Keep only in the original container.

Specific End Use(s)
Dental Handpiece Conditioner. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<table>
<thead>
<tr>
<th>White mineral oil, petroleum (8042-47-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
</tr>
</tbody>
</table>

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released.


Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits. Wear approved mask.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Light petroleum</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-104 °C (-155.2 °F) Propellant</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&gt; 30 psi</td>
</tr>
</tbody>
</table>
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Relative Vapor Density at 20 °C : > 1 (Air=1)
Relative Density : Not available
Specific Gravity : Not available
Solubility : Negligible
Partition Coefficient: N-Octanol/Water : Not available
Viscosity : Not available
Explosive limits : Lower: 3.4%
Upper: 18%

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge : Static discharge may act as an ignition source.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Extremely flammable aerosol. Contains gas under pressure; may explode if heated.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Hazardous Decomposition Products: Carbon oxides (CO₂, CO). Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Aspiration Hazard: May be fatal if swallowed and enters airways.
Symptoms/Injuries After Inhalation: Aspiration of this material may cause chemical pneumonia. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.
Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Injuries After Ingestion: The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil, petroleum (8042-47-5)</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Naphtha, petroleum, light alkylate (64741-66-8)</td>
<td>&gt; 7000 mg/kg</td>
<td>&gt; 5.04 mg/l/4h</td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50/Fish</th>
<th>EC50/Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil, petroleum (8042-47-5)</td>
<td>&gt;10000 mg/l</td>
<td>2 mg/l</td>
</tr>
<tr>
<td>Lepomis macrochirus</td>
<td>96 h</td>
<td>48 h</td>
</tr>
<tr>
<td>Mysidopsis bahia</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability Not available

Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil, petroleum (8042-47-5)</td>
<td>&gt;6</td>
</tr>
<tr>
<td>Petroleum gases, liquefied, sweetened (68476-86-8)</td>
<td>&lt;= 2.8</td>
</tr>
</tbody>
</table>

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Additional Information: Flammable vapors may accumulate in the container. Container under pressure. Do not drill or burn even after use.


SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS, FLAMMABLE</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Identification Number</td>
<td>UN1950</td>
</tr>
<tr>
<td>Label Codes</td>
<td>2.1</td>
</tr>
</tbody>
</table>

In Accordance with IMDG

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS, FLAMMABLE</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2</td>
</tr>
<tr>
<td>Identification Number</td>
<td>UN1950</td>
</tr>
<tr>
<td>Label Codes</td>
<td>2.1</td>
</tr>
<tr>
<td>EmS-No. (Fire)</td>
<td>F-D</td>
</tr>
<tr>
<td>EmS-No. (Spillage)</td>
<td>S-U</td>
</tr>
</tbody>
</table>

In Accordance with IATA

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS, FLAMMABLE</td>
</tr>
<tr>
<td>Identification Number</td>
<td>UN1950</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2</td>
</tr>
<tr>
<td>Label Codes</td>
<td>2.1</td>
</tr>
<tr>
<td>ERG Code (IATA)</td>
<td>10L</td>
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</table>

In Accordance with TDG

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS, FLAMMABLE</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Identification Number</td>
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</tr>
<tr>
<td>Label Codes</td>
<td>2.1</td>
</tr>
</tbody>
</table>

SECTION 15: REGULATORY INFORMATION

US Federal Regulations
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<table>
<thead>
<tr>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Fire hazard Immediate (acute) health hazard</th>
</tr>
</thead>
</table>

White mineral oil, petroleum (8042-47-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Petroleum gases, liquefied, sweetened (68476-86-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Naphtha, petroleum, light alkylate (64741-66-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations
Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations

Lares One Step Handpiece Conditioner

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Class B Division 5 - Flammable Aerosol Class D Division 2 Subdivision B - Toxic material causing other toxic effects</th>
</tr>
</thead>
</table>

White mineral oil, petroleum (8042-47-5)
Listed on the Canadian DSL (Domestic Substances List)

Petroleum gases, liquefied, sweetened (68476-86-8)
Listed on the Canadian DSL (Domestic Substances List)

Naphtha, petroleum, light alkylate (64741-66-8)
Listed on the Canadian DSL (Domestic Substances List)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 22/05/2015
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

- Aquatic Acute 2: Hazardous to the aquatic environment - Acute Hazard Category 2
- Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard Category 2
- Asp. Tox. 1: Aspiration hazard Category 1
- Compressed gas: Gases under pressure Compressed gas
- Flam. Aerosol 1: Flammable aerosol Category 1
- Flam. Gas 1: Flammable gases Category 1
- Flam. Liq. 2: Flammable liquids Category 2
- Simple Asphyxiant: Simple Asphyxiant
- Skin Irrit. 2: Skin corrosion/irritation Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) Category 3
- H220: Extremely flammable gas
- H222: Extremely flammable aerosol
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<table>
<thead>
<tr>
<th>H225</th>
<th>Highly flammable liquid and vapor</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280</td>
<td>Contains gas under pressure; may explode if heated</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Party Responsible for the Preparation of This Document
Lares Research
295 Lockheed Avenue
Chico, CA 95973
530-345-1767
www.laresdental.com

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.