

# SAFETY DATA SHEET

One Step Handpiece Conditioner

077-0827-00 Rev. B

SDS DATE: 5/28/15



## VetPro® One Step Handpiece Conditioner

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 22/05/2015

Date of Issue: 22/05/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** VetPro® One Step Handpiece Conditioner

**Product Code:** 064-0035-00

**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

Midmark Corporation

60 Vista Drive,

Versailles, Ohio 45380

1-800-MIDMARK

www.midmark.com

#### Emergency Telephone Number

**Emergency Number** : 1-937-526-8498

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### Classification (GHS-US)

Flam. Aerosol 1 H 222 H 229

Skin Irrit. 2 H 315

STOT SE 3 H 336

Asp. Tox. 1 H 304

Aquatic Acute 2 H 401

Aquatic Chronic 2 H 411

Full text of H-phrases: see section 16

#### Label Elements

##### GHS-US Labeling

**Hazard Pictograms (GHS-US)** :



**Signal Word (GHS-US)** :

**Hazard Statements (GHS-US)** :

- : Danger
- : 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.

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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

**Hazards 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

### Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Naphtha, petroleum, light alkylate	{ CAS No} 64741-66-8	40	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Petroleum gases, liquefied, sweetened	{ CAS No} 68476-86-8	35	Simple Asphyxiant Flam. Gas 1, H220 Compressed gas, H280
White mineral oil, petroleum	{ CAS No} 8042-47-5	25	Asp. Tox. 1, H304

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 (CO<sub>2</sub>).

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

**Hazardous Combustion Products:** Carbon oxides (CO<sub>2</sub>, 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 in compatible materials. Do not expose to temperatures exceeding 50°C/ 122°F. Keep in fireproof place. Protect from light.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**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

#### **White mineral oil, petroleum (8042-47-5)**

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (mist)
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### **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.

**Personal Protective Equipment:** Protective goggles. Gloves.



**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**

Physical State	: Liquid
Appearance	: Clear
Odor	: Light petroleum
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: -104 °C (-155.2 °F) Propellant
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: > 30 psi

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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.

**Conditions to Avoid:** Ignition sources. Incompatible materials. Heat. Sparks. Open flame. Overheating.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO<sub>2</sub>, 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:

<b>White mineral oil, petroleum (8042-47-5)</b>	
LD50 Oral Rat	> 5000 mg/kg
<b>Naphtha, petroleum, light alkylate (64741-66-8)</b>	
LD50 Oral Rat	> 7000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.04 mg/l/4h

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### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

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

#### White mineral oil, petroleum (8042-47-5)

LC50 Fish 1 > 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

#### Naphtha, petroleum, light alkylate (64741-66-8)

EC50 Daphnia 1 2 mg/l (Exposure time: 48 h - Species: Mysis dopsis bahia)

**Persistence and Degradability:** Not available

#### Bioaccumulative Potential

#### White mineral oil, petroleum (8042-47-5)

Log Pow > 6

#### Petroleum gases, liquefied, sweetened (68476-86-8)

Log Pow <= 2.8

**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.

**Ecology - Waste Materials:** Avoid release to the environment.

### SECTION 14: TRANSPORT INFORMATION

#### In Accordance with DOT

Proper Shipping Name : AEROSOLS, FLAMMABLE  
Hazard Class : 2.1  
Identification Number : UN1950  
Label Codes : 2.1



#### In Accordance with IMDG

Proper Shipping Name : AEROSOLS, FLAMMABLE  
Hazard Class : 2  
Identification Number : UN1950  
Label Codes : 2.1  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U



#### In Accordance with IATA

Proper Shipping Name : AEROSOLS, FLAMMABLE  
Identification Number : UN1950  
Hazard Class : 2  
Label Codes : 2.1  
ERG Code (IATA) : 10L



#### In Accordance with TDG

Proper Shipping Name : AEROSOLS, FLAMMABLE  
Hazard Class : 2.1  
Identification Number : UN1950  
Label Codes : 2.1



### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

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<b>Lares One Step Handpiece Conditioner</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Fire hazard Immediate (acute) health hazard
<b>White mineral oil, petroleum (8042-47-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Naphtha, petroleum, light alkylate (64741-66-8)</b>	
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

<b>Lares One Step Handpiece Conditioner</b>	
WHMIS Classification	Class B Division 5 - Flammable Aerosol Class D Division 2 Subdivision B - Toxic material causing other toxic effects
 	
<b>White mineral oil, petroleum (8042-47-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class A - Compressed Gas Class B Division 1 - Flammable Gas Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
<b>Naphtha, petroleum, light alkylate (64741-66-8)</b>	
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 Asphy	Simple Asphyxiant
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOTSE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H222	Extremely flammable aerosol

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H225	Highly flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### Party Responsible for the Preparation of This Document

Midmark Corporation  
60 Vista Drive,  
Versailles, Ohio 45380  
1-800-MIDMARK  
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*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.*

North America GHS US 2012 & WHMIS 2