

SAFETY DATA SHEETS

This SDS packet was issued with item:

078905493

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078784883

MATERIAL SAFETY DATA SHEET

One Step Handpiece Conditioner

077-0827-00 Rev. A1

MSDS DATE: 4/15/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VetPro One Step Handpiece Conditioner

SYNONYMS: Handpiece Lube; Handpiece Conditioner; Handpiece Spray; One Step Spray

PRODUCT CODES:

RESPONSIBLE PARTY: Midmark Corporation
60 Vista Drive,
P.O. Box 286
Versailles, Ohio 45380-0286

EMERGENCY PHONE: 1-937-526-8498

CHEMICAL NAME: Petroleum Distillates

CHEMICAL FAMILY: Hydrocarbon fluid mixture

CHEMICAL FORMULA: C₈H₁₈+C₃H₈+C₄H₁₀

PRODUCT USE: Dental Handpiece Conditioner

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Liquid

Component INGREDIENT:	% WT	CAS NO.	EC Number (EINECS)	Exposure Limit
White Mineral Oil (petroleum)	20-30	8042-47-5	232-455-8	5 mg/m ³ (oil mist) TWA
Benzenepropanoic acid	0-1	41484-35-9	255-392-8	
Alkylated diphenylamines	0-1	68411-46-1	270-128-1	
Triphenyl phosphorothionate	0-1	597-82-0	209-909-9	
Amines	0-1	80939-62-4	279-632-6	
Propyl paraben	0-1	94-13-3	202-307-7	400 ppm (1800 mg/m ³) TWA
Dimethylpolysiloxane	0-1	63149-62-9	Not Assigned	
Hydrocarbon Fluid (Isopar C)	30-40	64741-66-8	265-068-8	
2,2,4-Trimethylpentane	25-35	540-84-1	208-759-1	

Propellant

Component INGREDIENT:	% WT	CAS NO.	EC Number (EINECS)	Exposure Limit
Liquefied Petroleum Gas (A80)	35-45	68476-86-8	270-705-8	1000 ppm

SECTION 2 NOTES:

The IP 346 value for mineral oil is less than 3%.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Danger! Extremely Flammable

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Hazardous Material Identification System (HMIS): Health – 1 Flammability – 4 Reactivity - 0

ROUTES OF ENTRY: eye contact, skin contact, ingestion, inhalation,

POTENTIAL HEALTH EFFECTS

EYES:

Short Term Exposure: Irritation

Long Term Exposure: No information available.

SKIN:

Short Term Exposure: Irritation

Long Term Exposure: Irritation, skin disorders (dermatitis).

INGESTION:

Short Term Exposure: Diarrhea, difficulty breathing

Long Term Exposure: No information on significant adverse effects.

INHALATION:

Short Term Exposure: ACGIH – listed as simple asphyxiant. Effects of over exposure: Inhalation is the most likely method of exposure. Minimal effects are expected at levels below the TLV of components. Dizziness, drowsiness, coughing, nasal or throat irritations at higher levels. Propane may act as a simple asphyxiant without other significant physiologic effects if the oxygen content is low.

Long Term Exposure: Lung damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Breathing disorders (asthma, emphysema); Skin disorders (eczema, psoriasis, open wounds)

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CARCINOGENICITY

OTHER: No information available

SECTION 3 NOTES:

Not a controlled product under (WHMIS) - Canada. Special protection see section 8. Health – 1 Flammability – 4 Reactivity - 0

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

SKIN: Remove any contaminated clothing and wash affected skin area with soap and warm water. Launder or dry clean clothing before reuse. If injected under the skin, regardless of the appearance of the wound or its size, the individual should be evaluated by a physician as a surgical emergency. Even though the initial symptoms from the high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INGESTION: If ingested, call physician immediately. Do not induce vomiting.

INHALATION: Remove to fresh air, if breathing has stopped, administer artificial respiration. Get medical help immediately.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME)

Mineral oil (liquid): Lower Flammable Limit: 0.9 %

Upper Flammable Limit: 7.0%

Hydrocarbon fluid (liquid): Lower Flammable Limit: 1.5% Upper Flammable Limit: 11.6%

Propellant: Lower Explosion Limit: 1.8 %

Upper Explosion Limit: 9.5%

FLASH POINT:

Mineral oil (liquid): 224° C (COC)

Propellant: 18°F (-7.8°C) ASTM D 2155

AUTOIGNITION TEMPERATURE:

Mineral oil (liquid): 254° C (COC)

Propellant: 750°F (399°C) ASTM D 2155

NFPA HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 4 REACTIVITY: 0

HMIS HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 4 REACTIVITY: 0

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide. "Water may be ineffective", but water may be used to keep fire-exposed containers cool.

SPECIAL FIRE FIGHTING PROCEDURES:

Keep containers cool. Use air-supplied breathing equipment for enclosed or confined spaces. Use shielding to protect personnel against bursting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Do not spray near open flame. At elevated temperatures, (over 54° C); aerosol containers may vent, burst or rupture.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Remove sources of ignition, ventilate area. Use appropriate safety equipment to enter area. Allow time for vapors to be below their TLV. Add oil absorbent and clean area. Keep petroleum product out of sewers and watercourses. Advise authorities if product has entered or may enter sewers or water courses

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store in a cool dry area out of direct sunlight. Do not puncture or incinerate, or heat full or empty containers above 54° C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION:

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. No smoking or use of flame or other ignition sources.

RESPIRATORY PROTECTION:

Consider the need for appropriate protective equipment, such as self-contained breathing apparatus, adequate masks and filters. Need approved organic vapor mask if TLV is exceeded.

EYE PROTECTION:

Wear splash resistant safety goggles. Provide and emergency eyewash fountain and quick drench shower in the immediate work area.

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SKIN PROTECTION:

Wear appropriate chemical resistant (nitrile) gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

WORK HYGIENIC PRACTICES:

Wash hands and any contaminated surfaces with soap and water prior to eating or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear

ODOR: Propellant odor (hydrocarbon/propane)

PHYSICAL STATE: Aerosol

pH AS SUPPLIED: Not available

BOILING POINT: (aerosol) information not available

Mineral oil (liquid) F: >550° C: >288°

Hydrocarbon fluid (liquid) F: 207 to 221° C: 95 to 107°

Propellant F: -30 to 10.9° C: -34 to -11.7°

MELTING POINT: (aerosol) not applicable

FREEZING POINT: Not available

VAPOR PRESSURE: 7,757 mm Hg (Aerosol mixture)

Mineral oil (liquid): < 0.01 mm Hg @ 20° C (68° F)

Hydrocarbon fluid (liquid): 63 mm Hg @ 20° C (68° F) ASTM D2879

Propellant: 4,137 mm Hg @ 21° C (70° F)

VAPOR DENSITY (AIR = 1) :

Mineral oil (liquid): >5 @ 20° C (68° F)

Hydrocarbon fluid (liquid): 3.9 @ 20° C (68° F)

Propellant: 1.704

SPECIFIC GRAVITY (H₂O = 1):

Mineral oil (liquid): 0.88

Hydrocarbon fluid (liquid): 0.70

Propellant: 0.532

EVAPORATION RATE:

BASIS (butyl acetate=1): 5.6 @ 1 Atm and 25° C (77° F)

SOLUBILITY IN WATER: insoluble (negligible)

PERCENT SOLIDS BY WEIGHT: Not applicable

PERCENT VOLATILE: (hydrocarbon fluid)

50% BY VOL in 1 minute @ 1 atm and 25° C (77° F)

VISCOSITY: (without propellant) 8mm²/s

@ F: 212 C: 100

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable at normal temperatures and pressures.

CONDITIONS TO AVOID (STABILITY): Avoid heat, flames, sparks and other sources of ignition. Avoid contact with strong oxidants like liquid chlorine (sodium hypochlorite, calcium chlorite) or concentrated oxygen.

INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing materials, chlorine.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition products or combustion: oxides of carbon, oxides of sulfur.

HAZARDOUS POLYMERIZATION: Will not polymerize.

SECTION 11: TOXICOLOGICAL INFORMATION

White Mineral Oil

TOXICOLOGICAL INFORMATION: Greater than 5000 mg/kg LD50 oral-rat

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Benzenepropanoic acid

TOXICOLOGICAL INFORMATION: Greater than 5000 mg/kg LD50 oral-rat

Alkylated diphenylamine

TOXICOLOGICAL INFORMATION: Greater than 5000 mg/kg LD50 oral-rat

Triphenyl phosphorothionate

TOXICOLOGICAL INFORMATION: Greater than 10,000 mg/kg LD50 oral-rat

Amines

TOXICOLOGICAL INFORMATION: Greater than 5000 mg/kg LD50 oral-rat

Propyl paraben

TOXICOLOGICAL INFORMATION: Greater than 8000 mg/kg LD50 oral-rat

Dimethylpolysiloxane

TOXICOLOGICAL INFORMATION: Greater than 34,600 mg/kg LD50 oral-rat

Hydrocarbon liquid: Isopar C

This component is judged to have an acute oral LD50 (rat) greater than 5 g/kg body weight and an acute dermal LD50 (rabbit) greater than 3.16 g/kg body weight.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not puncture or incinerate containers. Give empty, leaking or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Aerosols, Flammable

HAZARD CLASS: 2.1

ID NUMBER: UN 1950 ORM-D Consumer Commodity

WATER TRANSPORTATION

PROPER SHIPPING NAME: Aerosols, Flammable

HAZARD CLASS: 2.1, Ems No. F-D, S-U, ERG No. 126

ID NUMBER: UN 1950, Aerosols (limited quantity)

AIR TRANSPORTATION

PROPER SHIPPING NAME: Aerosols, Flammable

HAZARD CLASS: 2.1

ID NUMBER: ID 8000, Consumer Commodity, class 9

PACKING GROUP: Packaging instructions - 910

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components listed in TSCA inventory.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: EPA Hazard Classification Code: FIRE

313 REPORTABLE INGREDIENTS: No toxic chemical is present greater than 1% or 0.1% (carcinogen)

STATE REGULATIONS: No information

INTERNATIONAL REGULATIONS: EC classification (calculated): Not classified as dangerous.

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: The above information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Lares Research Inc. The data on these sheets only relates only to the specific material designated herein.

DISCLAIMER: Lares Research Inc. assumes no legal responsibility for the use or reliance upon this data.

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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: 22/06/2015 Date of Issue: 22/06/2015

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: VetPro® One Step Handpiece Conditioner

Product Code: 064-0036-00

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 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)

Hazard Statements (GHS-US)

Precautionary 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.
- : 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 (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 Firefighting: 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 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.

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/m³)	5 mg/m³ (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 (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:

White mineral oil, petroleum (8042-47-5)	
LD50 Oral Rat	> 5000 mg/kg
Naphtha, petroleum, light alkylate (64741-66-8)	
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: Mysisidopsis bahia)

Persistence and Degradability Not available

Bioaccumulative Potential

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

Log Pow > 5

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

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

Lares One Step Handpiece Conditioner	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard
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	
WHMIS Classification	Class B Division 5 - Flammable Aerosol Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	
White mineral oil, petroleum (8042-47-5)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Petroleum gases, liquefied, sweetened (68476-86-8)	
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
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 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

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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 & WH MIE 2