



Safety Data Sheet: Ster-L Handpiece Cleaner and Lubricant

SECTION 1: IDENTIFICATION

Product Name: Ster-L Handpiece Cleaner and Lubricant
Catalog Numbers: 70850818
Product Classification: Handpiece Cleaner and Lubricant
Manufactured By: Mydent International
80 Suffolk Court
Hauppauge, NY 11788
Telephone: 1-800-275-0020
Emergency Number: Chemtrec 1-800-424-9300
Date Prepared: April 6, 2015
Supersedes Date: New issue.
Product Use: For cleaning and lubricating dental handpieces.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information is based on findings from related and/or similar materials

Physical Hazards: Not classified.

Health Hazards: Not classified.

OSHA Defined Hazards: Not classified.

Label Elements:



Signal Word: Warning.

Hazard Statement: Causes serious eye irritation. May cause respiratory irritation.

Prevention: Use only in well ventilated areas. Avoid breathing mist or vapors. Wear eye/face protection. Wash hands thoroughly after use.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice. If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Storage: Store locked up. Store in a well ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.



Other Hazards Unclassified: None.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- CLP:** Regulation number 1272/2008.
- DSD:** Directive 67/548/EEC.
- #:** This substance has workplace exposure limit(s).
- PBT:** Persistent, Bioaccumulative and Toxic substance.
- vPvB:** Very Persistent and very Bioaccumulative substance.

SECTION 4: FIRST AID MEASURES

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

- Eye Contact:** Immediately flush eyes with plenty of water for 15 minutes, including under eyelids. Remove contact lenses, if present and easy to do so. If signs/symptoms persist, seek medical attention.
- Skin Contact:** Remove contaminated clothing. Wash exposed area with soap and water. If signs/symptoms persist, seek medical attention. Wash clothing separately before reuse.
- Inhalation:** If symptoms develop, remove affected person(s) into fresh air. Call a poison center. If signs/symptoms persist, seek medical attention.
- Ingestion:** Seek immediate medical attention. Do not induce vomiting unless instructed to do so by a medical professional.

SECTION 5: FIRE FIGHTING MEASURES

- Extinguishing Media:**
Water Fog. Foam. Carbon Dioxide (CO₂). Dry Chemical.
- Unsuitable Extinguishing Media:**
Water. Do not use solid water stream as it may scatter and spread the fire. Do not use water jet as an extinguisher, as this will spread the fire.
- Fire Fighting Instruction:**
Wear a NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Move other containers away from the fire if safe and easy to do. Use water spray to keep unopened containers cool.
- Hazardous Combustion Products:**
Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:



Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

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Methods and Materials for Containment and Cleaning Up:

- Large Spills:** Stop the flow of material, if this is without risk. Soak up with inert absorbent material. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb with vermiculite, dry sand, or earth and place into containers. Clean contaminated surfaces thoroughly. Following product recovery, flush area with water.
- Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
- Never return spills in original containers for reuse. For waste disposal, see Section 13 of this SDS. Clean up spills immediately, observing precautions in Protective Equipment section. Sweep up and shovel into suitable containers for disposal.
- Environment Precautions:** Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements, or confined areas.

SECTION 7: HANDLING AND STORAGE

- Handling:** Do not pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do not store near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Exercise ordinary care in handling industrial lubricants. Avoid breathing vapors and mists. Do not take internally. Avoid contact with eyes, skins, and clothes. Wash hands thoroughly after use.
- Storage:** Store in a cool, well ventilated area away from heat, sparks, and flame. Keep away from heat or other sources of ignition. Keep containers closed when not in use. Keep out of reach of children. Keep in original container provided by manufacturer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No exposure limits noted for ingredient(s).

Biological Limit Values:

No biological exposure limits noted for ingredient(s).

Exposure Guidelines:

No exposure standards allocated.



Appropriate Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual Protection Measures, Such as Person Protective Equipment:

- Eye/face protection: Safety glasses or chemical goggles (if splashing is possible).
- Hand protection: Not normally needed.
- Other: Wear suitable protective clothing. Wear nitrile, neoprene, PVC, or viton gloves.

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Respiratory Protection: No personal respiratory protective equipment is normally required. An air purifying respirator with an organic vapor cartridge may be used under certain circumstances where airborne concentrations are expected to exceed exposure limits, or if irritations or symptoms are experienced. Respiratory protection must be provided in accordance with 29 CFR 1910.134.

Thermal Hazards: Not available.

General Hygiene: When using, do not eat, drink, or smoke. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practices. Wash hands thoroughly after handling. Launder contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | Odor & Odor Threshold | pH | Specific Gravity | Viscosity | % Volatile |
|---------------|-----------------------|---------------|------------------|---------------|---------------|
| Not Available | Odorless | Not Available | Not Available | Not Available | Not Available |

| Boiling Point / Freezing Point | Decomposition Temperature | Octanol/Water Partitioning Coefficient (Log Po/w) | Vapor Pressure (mmHg) | Vapor Density | Evaporation Rate | Ignition | Solubility in Water (20°C) |
|--------------------------------|---------------------------|---|-----------------------|---------------|------------------|---------------|----------------------------|
| Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |

| Flash Point Class | Flammable Limit | Auto-Ignition Temperature |
|-------------------|-----------------|---------------------------|
| Combustible III B | Not Available | Not Available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---|
| Stability: | Stable under normal use conditions. |
| Materials and Conditions to Avoid: | Heat, flame, sparks. |
| Incompatibilities: | Strong acids, alkalis and oxidizing agents. |
| Hazardous Decomposition: | Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| Reactivity: | None known. |



SECTION 11: TOXICOLOGY INFORMATION

Information on Likely Routes of Exposure:

Ingestion: Not classified.

Inhalation: Not classified.

Skin Contact: Not classified. Knowledge about health hazard is incomplete.

Eye Contact. Causes serious eye irritation. Knowledge about health hazard is incomplete.

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Symptoms Related to the Physical, Chemical and Toxicological Characteristics:

Information on Toxicological Effects:

Acute Toxicity: Not available.

Skin Corrosion/Irritation: Knowledge about health hazard is incomplete.

Serious Eye Damage/Eye Irritation: Causes serious eye irritation. Knowledge about health hazard is incomplete.

Respiratory Sensitization: None known. Knowledge about health hazard is incomplete.

Skin Sensitization: None known. Knowledge about health hazard is incomplete.

Germ Cell Mutagenicity: No data available to indicate product or any components present at great than 0.1% are mutagenic or genotoxic. Knowledge about mutagenicity is incomplete.

Carcinogenicity: This product is not known to be a carcinogen by IARC, ACGIH, NTP, or OSHA. This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, NTP, or OSHA. Knowledge about carcinogenicity is incomplete.

Reproductive Toxicity: Not classified. Knowledge about health hazard is incomplete.

Specific Target Organ Toxicity: Knowledge about health hazard is incomplete for single and repeated exposures.

Aspiration Hazard: Knowledge about health hazard is incomplete.

Chronic Effects: Not expected to be hazardous by WHMIS criteria.

Further Information: This product has no known adverse effect on human health.

SECTION 12: ECOLOGICAL INFORMATION



Ecotoxicological Information:

This material is not expected to be harmful to aquatic life.

Persistence and Degradability:

No data is available on the degradability of this product.

Bioaccumulative Potential:

Not available.

Mobility in Soil:

Not available.

Other Adverse Effects:

Not available.

SECTION 13: DISPOSAL CONSIDERATION

Disposal Instructions:

Under RCRA, it is the responsibility of the user of the product to determine, at the time of the disposal, whether the product meets RCRA criteria for hazardous waste. Contract with a disposal operator who is licensed. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material drain into sewers/water supplies. Do not contaminate ponds, waterways, ditches with product or used container. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal Regulations (40 CFR 261.4 (b)(4)).

Hazardous Waste Code:

Not regulated.

Waste from Residues/Unused Products:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container(s) must be disposed of in a safe manner.

Contaminated Packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORTATION INFORMATION

| | UN Number | UN Proper Shipping Name | Hazard Class(s) | Packing Group | Environmental Hazards |
|------------------------|------------------|--------------------------------|------------------------|----------------------|------------------------------|
| DOT | None | Not Regulated | None | None | Not applicable |
| ADR (road) | None | Not Regulated | None | None | Not applicable |
| RID (rail) | None | Not Regulated | None | None | Not applicable |
| IMDG (sea) | None | Not Regulated | None | None | Not applicable |
| IATA/ICAO (air) | None | Not Regulated | None | None | Not applicable |



SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the US EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4):

Not listed.

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

Not regulated.

SARA 304 Emergency Release Notification:

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

| | | |
|---------------------------|-------------------|----|
| Hazard Categories: | Immediate Hazard | No |
| | Delayed Hazard | No |
| | Fire Hazard | No |
| | Pressure Hazard | No |
| | Reactivity Hazard | No |

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SARA 302 Extremely Hazardous Substance: No

SARA 311/312 Hazardous Chemical: No

Other Federal Regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants List:

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Not regulated.

Safe Drinking Water (SDWA):

Not regulated.

Food and Drug Administration (FDA):

Not regulated.

US State Regulations:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

International Inventories:

| Country(s) or Region | Inventory Name | On Inventory (Yes/No*) |
|----------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |



| | | |
|-----------------------------|--|-----|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ENCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: OTHER INFORMATION

Hazard Rating System (Pictograms)

NFPA:





HMIS:

| | |
|----------------------------|----------|
| HEALTH | 0 |
| FLAMMABILITY | 1 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | |

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