

“STER-L”

MATERIAL SAFETY DATA SHEET

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IDENTIFICATION	
Manufactured for:	MYDENT INTERNATIONAL
Address:	80 Suffolk Court
City, State, Zip:	Hauppauge, NY 11788
Telephone:	631-434-7760
Date Prepared:	06/01/06
Chemical Name:	Handpiece Cleaner & Lubricant
HAZARDOUS INGREDIENTS	
ITEM	OSHA PEL ACGIH TLV NIOSH REL NIOSH IDLH
Hazardous/Toxic & Non-Hazardous Components (CAS #):	
Oil Mist	TWA STEL TWA STEL TWA STEL
	5mg/m ³ NE 5mg/m ³ NE 5mg/m ³ 10mg/m ³ 2500mg/5mg/m ³
NE- None Established	
Hazard Rating (NFPA):	
HEALTH: FLAMMABILITY: REACTIVITY: SPECIFIC:	
Non-Hazardous Components (CAS #): See above.	
AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200	
PHYSICAL DATA/CHEMICAL CHARACTERISTICS	
Appearance and Odor: Clear oil with slight odor.	
Boiling Point: Not volatile.	
Volatile (by weight %):	N/A
Vapor Pressure (mm Hg.):	Negligible.
Melting Point:	Not applicable.
Vapor Density (AIR – 1):	Not determined.
Evaporation Rate (Butyl Acetate – 1):	N/A
Solubility in Water (H₂O)::	Insoluble
Specific Gravity (H₂O – 1):	0.83 at 60° F
pH:	Not determined.
FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Method Used): CC, ASTM D93; Over 400° F (204° C)	
Flammable Limits: Not applicable.	
Extinguishing Media: CO ₂ , foam, dry chemical, water spray.	
UEL: Not applicable.	LEL: Not applicable.
Special Fire Fighting Procedures: Wear a NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff from fire control methods to sewers or waterways.	
Unusual Fire & Explosion Hazards or Procedures: None. Carbon monoxide and small amount of other toxic fumes.	
REACTIVITY DATA	
Stability: Stable at room temperature in closed containers under normal storage and handling conditions.	
Conditions to Avoid: Pyrolysis.	
Incompatibility (Material to Avoid): Not applicable.	
Hazardous Decomposition of Byproducts: Thermal oxidative decomposition can produce carbon monoxide as well as small amounts of other toxic fumes.	
Hazardous Polymerization: This product will not undergo hazardous polymerization.	
TRANSPORTATION: (DOT info if Applicable)	
Not regulated.	

HEALTH HAZARD DATA
EFFECTS OF OVEREXPOSURE:
Routes of Entry= Inhalation at high temperatures, eye contact, skin contact.
Skin: Repeated or prolonged skin contact may cause irritation.
Eyes: May cause irritation.
Ingestion: May cause gastrointestinal irritation.
Inhalation: Oil mist and vapors at high temperatures may irritate respiratory passages.
SIGNS AND SYMPTOMS OF EXPOSURE
Skin: Repeated or prolonged skin contact may cause irritation.
Eye: May cause irritation.
Ingestion: May cause gastrointestinal irritation.
Inhalation: Oil mist and vapors at high temperatures may irritate respiratory passages.
Medical Conditions Generally Aggravated by Exposure: None known. Respiratory passages at high temperatures, eyes, skin.
EMERGENCY AND FIRST AID PROCEDURES
Skin: Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if symptoms persist.
Eyes: Flush thoroughly with water for at least 15 minutes. Get immediate medical attention.
Ingestion: Get immediate medical attention. DO NOT INDUCE VOMITING unless instructed to do so by a physician.
Inhalation: If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention. If person is not breathing, give artificial respiration. If breathing is difficult, administer oxygen if applicable.
PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be taken in case material is released or spilled: Observe precautions from other sections. Contain any spill with dikes or absorbents to prevent migration and entry into drains, sewers, or bodies of water. Take up small spills with absorbent. Large spills may be taken up with pump or vacuum and finished off with absorbent. Wipe or scrape up saturated absorbent and place it in a proper container for disposal. Wash walking surfaces thoroughly to reduce slipping hazard. Follow applicable OSHA (29 CFR 1910.120), state and local regulations.
Waste Disposal Method: Contact a licensed waste-disposal contractor for detailed recommendations. Many states classify waste lubricants as 'hazardous, which means disposal only by a licensed firm. Follow applicable federal, state, and local regulations.
Precautions to be Taken in Handling and Storing: Exercise ordinary care in handling industrial lubricants. Avoid contamination of cigarettes or other tobacco products. Wash hands thoroughly before eating or smoking. Remove contaminated clothing and clean before reuse. Users should be alerted to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials.
Other Precautions: Do not store in open or unlabeled containers. Store away from incompatibles. Product is non-hazardous when used as directed.

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CONTROL MEASURES	
Respiratory Protection (Specify Type): Avoid breathing oil mist. Respiratory protection is generally not necessary under normal conditions of use with adequate general ventilation.	
VENTILATION: Local ventilation is generally not necessary under normal conditions of use with adequate general ventilation. Ventilation and other forms of engineering controls are the preferred means for controlling chemical exposures.	
Local Exhaust: Not applicable.	
Mechanical (General): Not applicable.	
Protective Gloves: Avoid skin contact. Wear chemical protective gloves.	
Eye Protection: Avoid eye contact. Wear safety glasses or chemical goggles in accordance with OSHA (29 CFR 1910.133).	
Other Protective Clothing or Equipment: Depending upon conditions of use, additional protection may be necessary such as a face shield, apron, etc.	
Other Work / Hygiene Practices: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.	
CARCINOGENICITY	
NTP:	This product, or its ingredients is not listed as having carcinogens
IARC Monographs:	
OSHA Regulated:	
SPECIAL INFORMATION	
24 hr EMERGENCY TELEPHONE NUMBER: Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.	