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MATERIAL SAFETY DATA SHEET

IDENTIFICATION AND EMERGENCY INFORMATION				
Product Name	Isoflex PDP 38			
Product Code (Catalog Number)	CUT-LUBE: Included in maintenance/lubrication microtome kit			
Product Category (Chemical Name)	Esteroil, lubricating oil			
Product Appearance and Odor	Clear, yellowish, neutral			
Emergency Notification	Chem-Tel 1-800-255-3924			
COMPONENTS AND HAZARD INFORMATION				
Component	CAS No.	%	OSHA TWA	OSHA STEL
Proprietary mixture				
PHYSICAL DATA				
THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.				
Boiling Range 205 °C	Specific Gravity 0.915	Molecular Weight		Viscosity
Percent Volatile by Volume 0%	Vapor Pressure @20 C degrees NL	Vapor Density (Air = 1) NL		Pour, Congealing or Melting Point
Solubility in Water @1 ATM and 25°C (77°F) Insoluble		Evaporation Rate @1 ATM and 25°C (77°F) (n-Butyl Acetate =1) NL		pH
FIRE AND EXPLOSION HAZARD INFORMATION				
Flash Point (Minimum) NL	Autoignition Temperature NL	Test Mode	LEL	UEL
Handling Precautions Use standard handling procedure for liquids				
Flammable or Explosive Limits (Approximate Percent by Volume in Air)				
Extinguishing Media Water, Fog, Foam, Dry chemical, CO ₂				

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

Fire Fighting Procedures Use self-contained breathing apparatus, cool fire exposed areas and equipment.		
Decomposition Products Under Fire Condition NE		
“Empty” Container Warning No special label required		
Unusual Fire and Explosion Hazards Do not use direct stream of water, material may float and re-ignite.		
HEALTH AND HAZARD INFORMATION		
Variability Among Individuals		
Signs and symptoms of overexposure NL		
Effects of Overexposure Continuous exposure to skin may cause irritation or dermatitis.		
Nature of Hazard and Toxicity Information NE		
Pre-existing Medical Conditions which may be Aggravated by Exposure NE		
Threshold Limit Value NL		
Health Hazards NE		
PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES		
Eye Contact Rinse with plenty of water.		
Skin Wash off with soap and plenty of water.		
Inhalation NA		
Ingestion Do not induce vomiting. Obtain medical attention.		
SEEK MEDICAL TREATMENT IF DISCOMFORT PERSISTS.		
REACTIVITY		
Stability	Incompatibility Strong oxidizing agents	Hazardous Decomposition Products NE

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Conditions to Avoid	Hazardous Polymerization	Materials to Avoid
		Strong oxidizing agents. Do not store with food.
ENVIRONMENTAL INFORMATION		
Steps to be Taken in Case Material is Released or Spilled Use mechanical equipment when handling. Do not flush water into sanitary sewer system.		
Disposal Dispose according to applicable regulations.		
Protective Gear		
Precautions to be taken in handling and storage Store at room temperature.		
THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.		
Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102) NL		
Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304) NL		
Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313) NL		
Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312) NL		
PROTECTION AND PRECAUTIONS		
Ventilation No special requirements.		
Respiratory Protection No special equipment.		
Protective Gloves No special equipment.		
Eye Protection No special equipment.		
Other Protective Equipment		
TRANSPORTATION AND OSHA RELATED LABEL INFORMATION		
Transportation Incident Information		
U.S. DOT Hazardous Materials Shipping Description		

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OSHA Required Label Information

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