

Issue date: 2-10-95
Revision date: 6-12-03

Reference: Xenon Flash Lamp, General

MATERIAL SAFETY DATA SHEET

Section I - Product Identity

Manufacturers name: **Perkin Elmer**
Address: 44370 Christy Street
Fremont, CA 94538
Telephone number: (510) 979-6500

Product name: **XENON FLASH LAMP**
Manufacturers ID #: General

Section II - Hazardous or Chemical Components/Ingredients *

<u>Component</u>	<u>CAS#</u>	<u>TLV/ACGIH</u>
Tungsten	7440-33-7	5 mg/m ³
Xenon	7440-63-3	N/A

*NOTE: The ingredients listed above are small quantities of the assembly within the final product. None of these items are exposed or present a hazard if the product is used and handled properly. A MSDS is not required for this product, but is included for safety precautions or if product is accidentally broken.

<u>Section</u>	<u>III</u>	-	<u>Physical</u>	<u>Data</u>
Boiling Point:	N/A		Specific Gravity:	N/A
Percent Volatile:	N/A		Vapor Pressure:	N/A
Evaporation Rate:	N/A		Vapor Density:	N/A
Solubility in Water:	N/A			
Lamp Pressure:	50-3000 TORR			

<u>Section</u>	<u>IV</u>	-	<u>Fire</u>	<u>and</u>	<u>Explosion</u>	<u>Data</u>
Flash Point:	N/A		Fire fighting Procedures:		Non-flammable	
Extinguishing Limits:	N/A		Explosion Limits:		N/A	
Hazardous Decomposition Products:	N/A					

Special Explosion Hazard: Addition of extreme heat or jarring of lamp may cause lamp to burst. Protective eye, face, and body equipment should be utilized when handling lamps.

Section V - Health Hazard Data

These products are designed to produce high intensity ultraviolet and visible radiation. Precaution should be taken to prevent exposure to eyes and skin.

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Effects of Acute Overexposure: Blindness, temporary blindness, and skin burns.

Effects of Chronic Overexposure: Blindness, cataracts, and skin cancer.

Emergency First Aid Procedures: Remove from exposure and seek medical attention.

Note: Refer to National Institute for Occupational Safety and Health Report No. NIOSH-TR-001-73 for additional information and precautions for exposure to ultraviolet radiation.

Section VI - Reactivity Data

Hazardous polymerization: N/A
Incompatibility: N/A
Stability: N/A

Section VII - Spill, Leak and Disposal Procedures

No disposal restrictions are known. User should check and follow any applicable federal, state and local regulations in disposing of any lamp.

Section VIII - Protective Equipment to be used

Appropriate eye and skin protection is to be worn when handling lamp or when exposed to lamp during operation.

Note: During operation the lamp possesses the following hazards and appropriate protective equipment to be worn:

Section VIII - Protective Equipment to be used (cont.)

Explosion - Protective eyewear minimum, face shields and protective clothing designed to withstand explosive failure is strongly recommended when close to lamp during operation.

Ultraviolet - UV blocking protective eyewear minimum during operation. Exposed skin should be covered or protected from skin burn due to UV exposure.

Section IX - Special Precaution and Additional Comments

See Operating Hazards sheet enclosed with lamp.

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