

## MATERIAL SAFETY DATA SHEET

S15-93002

Revised: 12/2012

PRODUCT: Micropower Xenon MPL Lamps

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### **SECTION 1: MANUFACTURER**

Manufacturer's Name and Address: Philips Lighting Company  
A Division of Philips Electronics  
North America Corporation  
200 Franklin Square Drive  
Somerset, N. J. 08873-4186

Emergency Telephone No: (800) 424-9300 CHEMTREC  
(800) 555-0050 Philips Lighting Technical Information

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### **SECTION 2: HAZARDOUS INGREDIENTS**

	CAS Number	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup>	% by Weight
Mercury	(7439-97-6)	0.1	0.025	<0.04%

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### **SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS**

NOT APPLICABLE. This item is a light bulb.

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### **SECTION 4: FIRE AND EXPLOSION DATA**

This electrical discharge lamp contains a quartz arc tube and is designed for use only with proper fixtures, ignitors, and ballasts. The arc tube operates under high internal pressure at very high temperatures, as high as 950° C and may rupture unexpectedly. If a rupture occurs, the arc tube and/or the outer bulb could break and will result in the discharge of extremely hot quartz particles into the enclosure and/or surrounding environment. Thereby creating a risk of personal injury, property damage, or fire.

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### **SECTION 5: REACTIVITY DATA**

Stability: Lamp is stable  
Incompatibility: Quartz will react with Hydrofluoric acid. Do not touch with bare hands. If touched with bare hands, clean lamp with denatured alcohol and wipe with a lint free cloth before installing.

Polymerization: Not Applicable

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## **SECTION 6: HEALTH HAZARD DATA**

**WARNING:** This lamp emits short wave ultraviolet radiation which is harmful to skin and eyes and can cause serious skin burns and eye inflammation. Use only if fully enclosed in a fixture with an ultraviolet absorbing filter glass lens. Do not use this lamp if the ultraviolet filter glass is missing or damaged.

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## **SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**

**Read and follow the installation/operating instructions listed below to help reduce the risk of personal injury and property damage and to help prevent early lamp failure.**

1. **Before lamp installation/replacement:** Shut off power and allow lamp and fixture to cool to avoid electrical shock and possible burn hazards.
2. Install **ONLY** in fixtures which are **FULLY ENCLOSED** and able to contain fragments of hot quartz (up to 1000° C). Lens/diffuser material **MUST** be heat resistant and capable of absorbing ultraviolet radiation.
3. **DO NOT** operate a fixture with a missing or broken lens diffuser.
4. Protect lamp from abrasions and scratches. Do not install or use cracked or broken lamp. If lamp cracks or breaks in use, disconnect power supply immediately, allow system to cool and remove lamp.

Waste Disposal Method: At the end of rated life, when this lamp is removed from service, it will be subjected to the current Toxic Characteristic Leaching Procedure (TCLP) prescribed by the Environmental Protection Agency. This test is used to determine whether an item is a hazardous waste or a non-hazardous waste under current EPA definitions. These lamps will fail the TCLP test and are considered hazardous under the Universal Waste Rules. Generators should evaluate all of the disposal options, which may be available in the particular state in which the generator's facility is located. The generator should check with federal, state and local officials for their guidance. Philips encourages recycling of its products by qualified recyclers.

## **SECTION 8: CONTROL MEASURES**

Respiratory Protection: None. NIOSH-approved respirator might be used if large volumes of lamps are being broken for disposal.

Ventilation: Avoid inhalation of any airborne dust. Provide local exhaust when disposing of large quantities of lamps.

Hand and Eye Protection: Appropriate hand and eye protection should be worn when disposing of lamps or handling broken glass.

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