

## Product Safety Data Sheet

**GE Current, a Daintree company**

### Current Quartz Halogen Lamps

1975 Noble Road  
E. Cleveland, OH 44112  
USA

Safety Data Sheet (SDS), or  
Material Safety Data Sheets (MSDS)

Information and Applicability

Safety Data Sheet (SDS) requirements, formally known as the Material Safety Data Sheet (MSDS) requirements, of the Occupational Safety and Health Administration (OSHA) for chemicals are not applicable to manufactured articles such as lamps. Therefore, lamps are exempt from the Safety Data Sheet (SDS) requirements in 29 CFR 1910.1200.

The following information is provided as a service to our customers. Note that no material contained in a lamp is released during normal use and operation. The following Product Safety Data Sheet contains applicable Safety Data Sheet information.

### Section 1. Product Identification

#### Current Double-Ended and Pin-Based Quartz Halogen Lamps

##### **GE Current, a Daintree company**

1975 Noble Road  
Nela Park  
E. Cleveland, OH 44112  
(216) 266-2222

### Section 2. Hazard Identification

Quartzline Halogen lamps contain no lead and have no hazardous waste disposal concerns.

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**Section 3 – Lamp Composition and Detailed Ingredient Information**

**Glass & Metal**

Double-ended or Pin-based Quartz lamps are composed of a quartz glass envelope surrounding a tungsten wire filament. The bulb is filled with a bromine or iodine halogen gas. Double-ended or Pin-based quartz lamps have a ceramic base at one or both ends attached with a high temperature cement. The quartz glass envelope may be clear or diffuse. In addition to the tungsten lamp filament, other wires made from molybdenum, copper, iron, and/or nickel are used as support wires or for electrical connections.

**Section 4 – First Aid Measures**

Not applicable to intact lamps during normal use and operation.

**Section 5 – Fire-Fighting Measures**

No special precautions necessary for fire fighters.

**Section 6 - Accidental Release Measures**

No special precautions necessary upon accidental breakage other than the obvious precautions for cleaning up broken glass.

**Section 7 – Handling and Storage**

New lamps being held for use should remain in their original packaging, or other protective packaging, and should be placed in a dry storage area that minimizes any risk of accidental breakage.

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**Section 8 – Exposure Controls/Personal Protection**

Quartz halogen lamps operate at very high surface temperatures; lamps should be allowed to cool before handling or changing. Protective gloves are required to change lamps especially while still hot. Exposure to moisture or water while operating can cause the lamp to shatter.

**Section 9 – Physical and Chemical Properties**

Not applicable to intact lamps.

**Section 10 – Stability and Reactivity**

Not applicable to intact lamps.

**Section 11 – Toxicological Information**

Tungsten, molybdenum, copper, iron, and nickel are all considered hazardous chemicals, but because of their form or relatively low toxicity, do not present a hazard.

**Section 12 – Blank**

**Section 13 – Disposal Considerations**

**TCLP**

A Toxicity Characteristic Leaching Procedure (TCLP) test conducted on double-ended or pin-based quartz halogen lamps would not cause the lamps to be classified as a hazardous waste.

**Section 14 – Blank**

**Section 15 – Blank**

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## **Section 16 – Other Information**

The Product Safety Data Sheet for Double-Ended or Pin-Based Halogen Lamps was prepared in 2017.