



Product Safety Data Sheet

GE Quartz Halogen Lamps

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

GE Double-Ended and Pin-Based Quartz Halogen Lamps

GE Lighting
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.



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 GE Double-Ended or Pin-Based Halogen Lamps was prepared in 2017.