

Section 1: IDENTIFICATION

Product identifier: Halogen Lamp

Other means of identification: Halogen, Eco Halogen

Company identification: Westinghouse Lighting
12401 McNulty Rd.
Philadelphia, PA 19154

Emergency phone number: 1-888-417-6222

Section 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

There are no known health hazards from exposure to lamps that are intact. This product is identified as an 'article' and does not require a Safety Data Sheet (SDS), the following data is provided for informational purposes only.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% by Weight</u>	<u>AGCIH (TLV)</u>	<u>OSHA (PEL)</u>
Hydrogen Bromide	10035-10-6	0-<1.0	10.0	10.0
Tungsten	7440-33-7	0.05-1.0	0.00	0.00
Glass	-	0-95	10	15
Quartz Fused	60676-86-0	0-95	0.1	0.1
Aluminum (coating)	7429-90-5	1	10.0	10.0
Xenon (filling gas)	7440-63-3	1	-	-
Tin (solder)	7440-31-5	2	1.0	4.0
Copper (base)	7440-50-8	4	1.0	1.0
Ceramic	66402-68-4	50	-	-

Section 4: FIRST AID MEASURES

Description of first aid measures

General information: Glass cuts. Perform normal first aid procedures. Seek medical attention as required.

After inhalation: No adverse effects are expected from occasional exposure to broken lamps. Remove from exposure and seek medical attention as required.

After skin contact: The major hazard from heat and broken lamps is the possibility of burns and sustaining glass cuts. Thoroughly wash affected area with mild soap or detergent and water and prevent further contact. Seek medical attention as needed.

After eye contact: Wash eyes, including under eyelids, immediately with copious amount of water for 15 minutes. Seek medical attention.

After ingestion: In the unlikely event of ingesting a large quantity of material, seek medical attention immediately.

Most important symptoms/effects, acute and delayed

There are no known health hazards from exposure to lamps that are intact.

Indication of immediate medical attention and special treatment needed

Perform normal first aid procedures. Seek medical attention as required.

Section 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable: Use dry chemical or carbon dioxide, keep surroundings and containers cool.

Unsuitable: Use extinguishing agents suitable for surrounding fire.

Specific hazards arising from the chemical: Use a self-contained breathing apparatus to prevent inhalation of dust and/or fumes that may be generated from broken lamps during firefighting activities.

Advice for firefighters: When exposed to high temperature toxic fumes may be released from broken lamps. Turn off power before putting the fire out.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear safety glasses. Take usual precautions for collection of broken glass. Place materials in closed containers to avoid generating dust.

Methods and materials for containment and cleaning up

Clean-up by vacuuming or other method that avoids dust generation.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Lamps operate at high temperature, allow fixture to cool before handling. Fragile handle with care.

Conditions for safe storage, including any incompatibilities

Store lamp(s) in a clean dry place.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

No applicable information was found.

Exposure controls

Ventilation: No applicable information was found.

Respiratory protection: No applicable information was found.

Eye protection: Safety glasses, goggles, or face shield are recommended for dealing with broken lamps.

Protective clothing: Gloves are recommended for dealing with broken lamps.

Hygienic practices: After handling broken lamps, wash thoroughly before eating, smoking, etc.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid.

Odor: No applicable information was found.

Odor threshold: No applicable information was found.

pH: No applicable information was found.

Melting point: No applicable information was found.

Freezing point: No applicable information was found.

Initial boiling point and boiling range: No applicable information was found.

Flash point: No applicable information was found.

Evaporation rate: No applicable information was found.

Flammability (solid, gas): No applicable information was found.

Upper flammability or explosive limits: No applicable information was found.

Lower flammability or explosive limits: No applicable information was found.

Vapor pressure: No applicable information was found.

Vapor density: No applicable information was found.

Relative density: No applicable information was found.

Solubility: No applicable information was found.

Partition coefficient: n-octanol/water: No applicable information was found.

Auto-ignition temperature: No applicable information was found.

Decomposition temperature: No applicable information was found.

Viscosity: No applicable information was found.

Section 10: STABILITY AND REACTIVITY

Reactivity: No applicable information was found.

Chemical stability: No applicable information was found.

Possibility of hazardous reactions: No applicable information was found.

Conditions to avoid: No applicable information was found.

Incompatible materials: No applicable information was found.

Hazardous decomposition products: No applicable information was found.

Section 11: TOXICOLOGICAL INFORMATION

Information on various toxicological effects

Inhalation: No applicable information was found.

Ingestion: No applicable information was found.

Skin contact: No applicable information was found.

Eye contact: No applicable information was found.
Acute toxicity: No applicable information was found.
Carcinogenic categories: No applicable information was found.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No applicable information was found.
Persistence and degradability: No applicable information was found.
Bioaccumulative potential: No applicable information was found.
Mobility in soil: No applicable information was found.
Other adverse effects: No applicable information was found.

Section 13: DISPOSAL CONSIDERATIONS

Recommended methods of disposal including packaging

Take usual precautions for collection of broken glass. Place materials in closed containers to avoid generating dust.
Dispose of according to federal, state, and local regulations.

Section 14: TRANSPORT INFORMATION

UN number: No applicable information was found.
UN proper shipping name: No applicable information was found.
Transport hazard class(es): No applicable information was found.
Packing group, if applicable: No applicable information was found.
Environmental hazards: No applicable information was found.
Transport in bulk: No applicable information was found.
Special precautions: Not classified as dangerous in the meaning of transport regulations.

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product

Before disposal check with federal, state, and local regulations for current guidelines for handling and disposal.

Section 16: OTHER INFORMATION

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