



## Lamp Material Information Sheet

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### Material Safety Data Sheets (MSDS) Information and Applicability

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. No material contained in a lamp is released during normal use and operation.

The following information is provided as a service to our customers. The following Lamp Material Information Sheet contains applicable Material Safety Data Sheet information.

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#### I. Product Identification

GE Low Pressure Sodium Lamps

GE Consumer & Industrial  
Lighting

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

#### II. Lamp Materials and Hazardous Ingredients

##### Glass & Metal

The glass tube used in a low-pressure sodium lamp is manufactured from soda-lime glass and is essentially similar but not identical to that used throughout the glass industry for bottles and other common consumer items. Internally, the support wires used in the lamp construction are made from nickel-coated iron or stainless steel while electrodes are made from tungsten.

#### III. Health Concerns

Low-pressure sodium lamps do not contain mercury, but do contain sodium metal, which reacts with water, evolving heat. Low-pressure sodium lamps use lead solder on the base of the lamp. The lead used in the solder should pose little risk of exposure under normal use and handling.

#### IV. Disposal Concerns

##### TCLP

A Toxicity Characteristic Leaching Procedure (TCLP) test conducted on Low Pressure Sodium lamps for lead could cause the lamp to be classified as a hazardous waste. Because of the sodium content, these lamps would also be considered a reactive waste. You should review your waste management practices to assure that you dispose of waste lamps properly.