



PRODUCT: LOW PRESSURE SODIUM LAMPS
SOX 18W, 26W, 36W, 66W, 131W
SOX 35W, 55W, 90W, 135W, 180W

SECTION 1: MANUFACTURER

Manufacturer's Name and Address: Philips Lighting Company
A Division of Philips Electronics
North America Corporation
200 Franklin Square Drive
Somerset, NJ 08875

Emergency Telephone No.:(800) 424-9300 CHEMTREC
(732) 563-3197

Other Information Calls: (800) PLC-BULB

SECTION 2: HAZARDOUS INGREDIENTS

	OSHA (PEL) mg/m ³	ACGIH (TLV) mg/m ³	% by Wt.
Sodium (7440-23-5)	No toxicity data for sodium.		< .2%
Lead + (7439-92-1) .025	.05mg/m ³	less than .1mg/m ³	approx.
Inert ingredients (glass, metal)			99.8%
+ Lead is found within the glass tubing inside the lamp and inside the solder.			



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Philips Electronics North America Corporation

200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875-6800
Tel: 732.563.3000

SECTION 3: PHYSICAL DATA

This item is a glass light bulb, chemical characteristics not applicable, For broken lamps, See Section 7.

SECTION 4: FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION DATA NOT APPLICABLE FOR INTACT LAMP. BROKEN LAMPS CAN PRESENT A DANGER OF SIGNIFICANT HEAT GENERATION IN THE PRESENCE OF SMALL AMOUNTS OF WATER. SEE SECTION 7.

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SECTION 5: REACTIVITY

Stability:	Lamp is stable.
Incompatibility:	Glass will react with hydrofluoric acid, interior fill will react with water.
Polymerization:	Will not occur.

SECTION 6: HEALTH HAZARD DATA

Not applicable for the intact lamp. Breakage of the inner bulb can result in exposure to small amounts of elemental sodium. Health hazard data is not available for sodium as it will readily react with water to form sodium hydroxide and heat.

EMERGENCY AND FIRST AID PROCEDURE: If glass cuts occur due to breakage of lamp inner tube, avoid use of water in cleaning cut. Use antiseptic cream. If inner tube is intact normal first aid procedures for glass cuts can be used.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

WARNING:

Prevent the bulb from being scratched. The lamps must be stored and transported in the original packing. Be sure power supply is off before installing or removing lamp. In case outer bulb is broken, avoid making contact with metal parts to prevent electrical shock.

This lamp contains sodium, which can generate a high degree of heat when exposed to small amounts of water. Broken lamps may constitute an ignitable and/or reactive hazardous waste. Consult applicable Federal, State and local regulations.

In the case of disposal of discarded lamps, care has to be taken in the method of handling to avoid risks from fire, or harm from glass. The following method is recommended, subject to applicability of Federal, State and local regulations:

The lamps, no more than 20 at a time, have to be broken into small pieces in a dry container of ample capacity. This should be done in an open area. Goggles and dust masks should be worn to prevent the possibility of injury from flying glass. The broken parts should then be covered with water with the aid of a hose. The operator should stand at a few meters distance. After a few minutes when the chemical reaction has stopped and the sodium is rendered harmless. The contents of the container can be disposed of in accordance with applicable law.

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SECTION 8: CONTROL MEASURES:

Respiratory Protection: None needed during lamp operation. Dust mask and goggles should be used when breaking lamps for disposal.

Ventilation: Avoid inhalation of dust when handling broken lamps. Gloves should be worn when breaking lamps to prevent cuts from broken glass.

The manufacturer/distributor will not accept any liability for injury or damage resulting from incorrect use of the lamp or from using improper equipment. No responsibility is assumed by the manufacturer/distributor for any special incidental or consequential damages.

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