

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Revision date : 2019-01-25  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

**SDS** : 33616  
**Lamp Material Data Sheet code (LMDS)** : Philips S16 – 93001A

**\* Supplier** : Signify North America Corporation  
200 Franklin Square Drive  
Somerset, NJ 08873-4186

**Tradenname** : SOX LOW PRESSURE SODIUM LAMPS  
All Wattages

**Other means of identification** : None.

### Relevant identified uses of the substance or mixture and uses advised against

**General description** : Low Pressure Sodium Lamp  
**Recommended Use** : Various  
**Uses advised against** : No data available

### Details of the supplier of the safety data sheet

Supplier safety data sheet : Philips Electronics Nederland B.V., Philips Environment & Safety, High Tech Campus 37, 5656 AE Eindhoven, Tel. +31 (0)40 27 41 645  
Responsible department : hazcom@philips.com

### Emergency telephone number

Emergency telephone number:  
CHEMTREC : +1 (0)800-424-9300

## SECTION 2: Hazards identification

### Classification of the substance or mixture

#### Classification in accordance with 29 CFR 1910.1200

Not classified.

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is an article and as such does not require an SDS per the OSHA hazard communication standard.

### Label elements

#### Labelling in accordance with 29 CFR 1910.1200

Label: not applicable

Remarks on labelling: none

**Other hazards**

none.

### SECTION 3: Composition/information on ingredients

Component	CAS number
GLAS	-
SODIUM	7440-23-5
LEAD [PARTICLE DIAMETER < 1MM]	7439-92-1

Remark: The product contains: 1.14 g Sodium

### SECTION 4: First aid measures

**Description of first aid measures**

**Skin** : Not applicable.

**Ingestion** : Not applicable.

**Inhalation** : Not applicable.

**Eyes** : Not applicable.

**Most important symptoms and effects, both acute and delayed**

Skin	local	:	Under normal circumstances not applicable.
	general	:	Under normal circumstances not applicable
Ingestion	local	:	Under normal circumstances not applicable
	general	:	Under normal circumstances not applicable
Inhalation	local	:	Under normal circumstances not applicable
	general	:	Under normal circumstances not applicable
Eyes	local	:	Under normal circumstances not applicable
Remarks symptoms		:	None

**Indication of any immediate medical attention and special treatment needed**

None

### SECTION 5: Firefighting measures

**Extinguishing media**

**Suitable fire-extinguisher**

determined by surrounding.

**Unsuitable fire-extinguisher**

not traceable.

**Special hazards arising from the substance or mixture**

Hazardous decomposition products in fire: Sodium oxide

### Advice for firefighters

In the event of fire, wear protective clothing and use breathing apparatus that is independent of the ambient air.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

In case of broken articles, use protective equipment. Evacuate area.

#### For non-emergency personnel

##### Protective equipment

Wear protective gloves/protective clothing/eye protection/face protection.

##### Emergency procedure

Ventilate affected area.

#### For emergency responders

Use appropriate respiratory protection. Personal protection equipment

### Methods and material for containment and cleaning up

#### For containment

Collect materials needed to clean up broken bulb: stiff paper or cardboard; sticky tape; damp paper towels or disposable wet wipes (for hard surfaces); and a glass jar with a metal lid or a sealable plastic bag. Be thorough in collecting broken glass.

#### For cleaning up

DO NOT VACUUM. Vacuuming is not recommended unless broken glass remains after all other cleanup steps have been taken. Vacuuming could spread mercury-containing powder or mercury vapor. Scoop up glass fragments using stiff paper or cardboard and sticky tape. Place cleanup materials in a sealable container.

#### Other information

No information available.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Local exhausting** : Under normal circumstances not applicable.

### Conditions for safe storage, including any incompatibilities

**Storage conditions** : No special precautions.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Exposure limits :

applicable to: **United States of America (25 °C; 1013 mbar)**

TWA (8 hours): 0.05 mg/m<sup>3</sup> LEAD - [according to NIOSH]

TWA (8 hours): 0.05 mg/m<sup>3</sup> LEAD – [according to OSHA PEL]

**Remarks exposure limits** : none

**Appropriate engineering controls**: Under normal circumstances not applicable

## Exposure controls

### Advised personal protection:

Hands:	Under normal circumstances not applicable.
Breakthrough time:	Under normal circumstances not applicable.
Eyes:	Under normal circumstances not applicable.
Inhalation:	Under normal circumstances not applicable.
Skin:	Under normal circumstances not applicable.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	:	article
Color	:	type dependent
Odor	:	odorless
Odor threshold (20°C; 1013 mbar)	:	not traceable
pH	:	not applicable
Melting point/freezing point	:	not traceable
Boiling point/range	:	not traceable
Flash point/range	:	not applicable
Evaporation rate/range	:	not applicable
Vapor rate/range	:	not applicable
Flammability (solid, gas)	:	data not available
Upper/lower flammability or explosive limit	:	not applicable
Vapor pressure	:	not applicable
Vapor density	:	not applicable
Density	:	not traceable
Solubility in water	:	not applicable
Log Po/w:	:	not applicable
Auto-ignition temperature	:	not applicable
Decomposition temperature	:	not traceable
Viscosity	:	not applicable
Dust explosions possible in air	:	not applicable
Oxidizing properties	:	no

## SECTION 10: Stability and reactivity

### Reactivity

Not applicable.

### Chemical stability

The substance or mixture is stable under normal conditions.

### Possibility of hazardous reactions

Reactions with water	:	no
Other hazardous conditions	:	Data not available.

### Conditions to avoid

Data not available.

### Incompatible materials

Hazardous reactions with	:	none
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### Hazardous decomposition products

Hazardous decomposition products at heating : none

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute oral toxicity

No data available.

#### Acute dermal toxicity

No data available.

#### Acute inhalation toxicity

No data available.

#### Skin corrosion/irritation

The substance or mixture is not classified for skin corrosion/-irritation.

#### Serious eye damage/irritation

The substance or mixture is not classified for serious eye damage/irritation.

#### Respiratory or skin sensitization

The substance or mixture is not classified for respiratory or skin sensitization.

#### Germ cell mutagenicity

The substance or mixture is not classified for germ cell mutagenicity.

#### Carcinogenicity

**IARC:** Group 2B: *Possibly carcinogenic to humans* (Lead)

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### Reproductive toxicity

The substance or mixture is not classified for reproductive toxicity.

#### Specific target organ toxicity-single exposure

The substance or mixture is not classified for specific target organ toxicity-single exposure.

#### Specific target organ toxicity-repeated exposure

The substance or mixture is not classified for specific target organ toxicity-repeated exposure.

#### Aspiration hazard

The substance or mixture is not classified for aspiration hazard.

#### Symptoms

Skin	local	:	Not applicable.
	general	:	Not applicable.
Ingestion	local	:	Not applicable.
	general	:	Not applicable.
Inhalation	local	:	Not applicable.
	general	:	Not applicable.
Eyes	local	:	Not applicable.
Remarks symptoms		:	None

## SECTION 12: Ecological information

### Toxicity

**Ecotoxicity**

not applicable

**Persistence and degradability**

Biological oxygen demand: not applicable  
Chemical oxygen demand: not applicable  
Degradability: not applicable

**Bioaccumulative potential**

Bioconcentration factor (BCF) : not applicable

**Mobility in soil**

Henry Constant : not applicable

**Other adverse effects**

Remarks on eco-toxicity: none

**SECTION 13: Disposal considerations****Waste treatment methods**

Remainder material or uncleaned empty packaging's have to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

**SECTION 14: Transport information****UN number**

DOT/49CFR : none  
IMDG/IMO : UN 3363  
IATA/ICAO : forbidden

**UN proper shipping name**

DOT/49CFR : none  
IMDG/IMO : DANGEROUS GOODS IN APPARATUS  
IATA/ICAO : Forbidden

**Transport hazard class(es)**

DOT/49CFR : none      IMDG/IMO : 9      IATA/ICAO : Forbidden

**Packing group**

DOT/49CFR : none      IMDG/IMO : none      IATA/ICAO : none

**Environmental hazards**

Marine pollutant : no

**Special precautions for user**

EmS (IMDG/IMO) : none

## Transport in bulk according to Annex II of Marpol and the IBC Code

Data not available.

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### US Federal regulations

**SARA 313:** not applicable.  
**SARA 311/312:** not applicable.  
**HMIS Classification:** not applicable.  
**U.S. Clean Water Act Section 307 – Toxic Pollutants:** not applicable.

#### National inventories

Articles are exempted from the Toxic Substances Control Act Inventory (TSCA-USA).

#### International inventories

**DSL/NDSL:** This substance is on the DSL (Sodium, Lead)

## SECTION 16: Other information

**Remarks on SDS :** For transport exemptions consult applicable regulations.

### A key or legend to abbreviations and acronyms used in the safety data sheet

GHS	Globally Harmonized System of Classification and Labelling of Chemicals
CAS	Chemical Abstracts Service
TGG = TWA	Time Weighted Average
LEL	Lower Explosive Limit
UEL	Upper Explosive Limit
NTP	National Toxicology Program
KHC	Known Human Carcinogen
RAHC	Reasonably Anticipated Human Carcinogen
IARC	International Agency for Research on Cancer
OSHA	Occupational Safety & Health Administration
DOT	US Department of Transportation
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses
UN	United Nations
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
EmS	Emergency Schedule
SARA	Superfund Amendments and Reauthorization Act
DSL	Canadian Domestic Substances List
NDSL	Canadian Non-Domestic Substances List

\* Point to alterations with regard to the previous version.

The information provided in this Safety Data Sheet is believed to be correct as of the date issued. Philips Electronics Nederland B.V. makes no warranty as to its contents, nor as to its fitness for any particular purpose or use.

