Xiamen Longstar Lighting Co., Ltd

Lamp Material Information Sheet

FE-IISB-9W, FE-IISB-13W, FE-IISB-14W, FE-IISB-18W, FE-IISB-19W, FE-IISB-23W, FE-IISB-26W , FE-IISG-13W, FE-IISG-14W, FE-IISG-18W, FE-IISG-19W

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.

Section1 . Identification

LONGSTAR LIGHTING Compact Fluorescent Lamps
Xiamen Longstar Lighting Co., Ltd
5 Houbin Road, XiangAn
Xiamen, China 361101
Tel/Emergency Phone Number: 86-592-7073311
Recommend use: Can use in dry or damp location.
Restrictions on use: Do not use in wet location.

Section2. Hazard(s) identification

Use under normal conditions, the mercury is hermetically sealed. But when the lamp is broken, the mercury may leak out.

IMPORTANT: Contains Mercury

Pictogram:

Signal Word: danger

Classification: Aspiration Hazard, category 1;Skin corrosion/irritation, category 1: Reproductive toxicity category 1:

Hazards Statement:

Ingestion: Large amount inhalation may lead to serious injury or death. *IMMEDIATELY SEE DOCTOR*;.

Skin Contact: If a broken lamp and touch the mercury, may cause skin irritation（Under the condition of wound ）.

Special note: If a pregnant woman touched the mercury, will cause harmful influence to the growth of the fetus.

Precautionary statement(s): Don't touch the broken lamps directly and put in a airtight container and then give these broken lamps to the related certified third party for disposal

Section3. Composition/information on ingredients Mixture

Chemical Name	CAS No.	% by Weight
Glass(Sodalime 081)		96.60%
Mercury	7439-97-6	0.01%
Fluorescent Phosphor and cathodes may contain:	7439-97-6	2.90%
Fluoride	1684-48-8	0-0.1
Manganese	7439-96-5	0-0.1
Tin	7440-31-5	0-0.1
Yttrium	7440-65-5	0-0.5
Barium	7440-39-3	<0.1
Tungsten	7440-33-7	<0.1
Strontium	7440-24-6	0-0.1
Magnesium	7439-95-4	0-0.1
Calcium	7440-70-2	0-0.1
Antimony	7440-36-0	0-0.1
Zinc	7440-66-6	0-0.1
Europium	7440-53-1	0-0.1
Cerium	7440-45-1	0-0.1
Lanthanum	7439-91-0	0-0.1
Terbium	7440-27-9	0-0.1
Aluminum	7429-90-5	0-0.1

Section4. First-aid measures

Ingestion: IMMEDATELY SEE DOCTOR

Skin Contact: Provide fresh air and seek medical attention

Eye Contact: seek medical attention

Section5, Fire-fighting measures

Suitable extinguishing agent: Carbon dioxide, dry powder, water spray, water injection.

Special fire-fighting methods: No information available.

For the products:

Not applicable to an intact lamp. If subjected to extreme heat, the plastic and glass components of the lamp may crack or melt.

Fire-fighting measures and protection for fire-fighters:

Fire-fighters should wear appropriate breathing apparatus and protective equipment. Remove from fire and move to empty place. Cool containers with water spray. Provide adequate ventilation. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section6. Accidental release measures

In the process of CFL Production, the mercury will release when the lamps broken these CFLs must put in a airtight container(do not touch directly) and then give these broken lamps to the related certified third party for disposal**.**

Section7. Handling and storage

Handling: Operators must receive special training, and strictly abide by the procedures.
Operators should handle gently to avoid break.

Storage: Store in normal temperature and well ventilated area

Section8. Exposure controls/personal protection

Not applicable to an intact lamp.

Section9. Physical and chemical properties

- Appearance (physical state, color, etc.): White, Solid
- Odor: Not available
- Odor threshold: Not available
- PH: Not available
- Melting point/freezing point: 400℃/Not available.
- Initial boiling point and boiling range: Not available
- Flash point: Not available
- Evaporation rate: Not available
- Flammability (solid, gas): Not available
- Upper/lower flammability or explosive limits: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Relative density: Not available
- Solubility: Not available
- Partition coefficient: n-octanol/water: Not available
- Auto-ignition temperature: Not available
- Decomposition temperature; Not available
- Viscosity: Not available

Section10. Stability and reactivity

Not applicable to an intact lamp.

Section11. Toxicological information

A Toxicity Characteristic Leaching Procedure (TCLP) conducted on traditional fluorescent lamp designs for mercury would most likely cause the lamps to be classified as a hazardous waste due to the mercury content. While small numbers of these lamps placed in ordinary trash may not appreciably affect the nature or method of disposal of the trash, under most circumstances disposal of large quantities may be regulated. You should review your waste Handling practices to assure that you dispose of waste lamps properly and contact your state environmental department for any regulations that may apply. To check state regulations or to locate a recycler, go to www.lamprecycle.org

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Section12. Ecological information*

Not applicable

Section13. Disposal considerations

Normal precautions should be taken for the collection of glass particles in the event a lamp is broken.
Waste Disposal Method: All compact fluorescent lamps contain some amount of mercury. When a compact fluorescent lamp is to be disposed, it is subject to the current EPA Toxicity Characteristic Leaching Procedure (TCLP) disposal criteria. This test is used to determine if an item can be managed of as hazardous or non-hazardous waste.
All disposal options should be evaluated with respect to federal, state, and local requirements. Before disposing of waste lamps, check with federal, state, and/or local officials for current guidelines and regulations**.**

Section14. Transport information

The CFL in all forms of transportation (e.g. Truck, air, or sea) must be packaged in a safe and responsible manner and package need to be strong enough for transportation.

Section15. Regulatory information

Special requirement be according to the local regulations.

Section16. Other information

None