

Zhejiang CH Lighting Co Ltd
CH INDUSTRIAL PARK XIETANG TOWN SHANGYU AREA
SHAOXING CITY ZHEJIANG PROVINCE CHINA.
Tel: 86-574-82187977 Fax:86-574-82129694

Hazardous Communication Standard

PRODUCT:F32T8-BL 350nm

SECTION 1: MANUFACTURER

Manufacturer's name and Address: Zhejiang CH Lighting Co Ltd
CH INDUSTRIAL PARK XIETANG TOWN SHANGYU AREA

SECTION 2: HAZARDOUS INGREDIENTS

OSHA PEL ACGIH TLV Approx % BY WEIGHT

Glass, Aluminum, PC, PMMA etc 97%

Phosphor Powder

Nuisance Dust 3.00%

Calcium Halophosphate

Limits are for Fluoride

Yttrium Oxide 0.01%

Lanthan Posphate 0.01%

Strotium Calcium Barium

Chloro Phosphate 0.01%

Manganese 0.02%

Antimony 0.01%

Mercury 0.01%

These materials are tightly bound within the calcium phosphate crystal.

SECTION 3: physical chemical characteristics

Not applicable. This item is a light bulb.

SECTION 4: fire and explosion data

FIRE AND EXPLOSION DATA NOT APPLICABLE.UNDER EXTREME HEAT CLASS
ENVELOPE MIGHT MELT OR CRACK

DATE: 12/23/2016

SECTION 5: REACTIVITY DATE

STABILITY: Lamp is stable

Incompatibility: Glass will react with Hydrofluoric Acid

Polymerization: Not applicable

SECTION 6: HEALTH HAZARD DATA

Not Applicable for the intact lamp. Breakage of the lamp may result in some exposure to the phosphor powder dust/and to elemental mercury vapor. No adverse affects are expected from occasional exposure to broken lamps As a matter of good practice, prolonged or frequent exposure should be avoided through the use of adequate ventilation during the disposal of large quantities of lamps.

EMERGENCY AND FIRST AND PROCEDURE: Normal first aid procedure for glass cuts if such occur through lamp breakage.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Normal precautions should be taken for collection of broken glass.

Waste Disposal Method: At the end of rated life, when this lamp is removed from service, it will be subjected to the current Toxic Characteristic Leaching Procedure (TCLP) prescribed by the Environmental Protection Agency. This test is used to determining whether an item is a hazardous waste or a non-hazardous waste under current E.P.A definitions. These lamps would fail the TCLP test and would be considered hazardous under the Universal Waste Rules. Generators should evaluate all of the disposal options, which may be available in the particular state in which the generator's facility is located. The generator should check with federal, state and local officials for their guidance.

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SECTION 8: EMERGENCY AND FIRST AID PROCEDURE

Normal first aid procedure for glass cuts if such occur through lamp breakage

SECTION 9: CONTROL MEASURES

Respiratory Protection: If large amount of lamps are being disposed of and broken.

Ventilation: Avoid inhalation of any airborne dust.

Provide local exhaust when disposing large quantities of lamps.

Hand and Eye protection: Appropriate hand eye protection should be worn when disposing of lamps or handling broken glass

SECTION 10: REGULATORY INFORMATION

As a product these mercury containing lamps being shipped in the manufacturer's original packaging are not regulated by air, truck or ocean shipment. As a waste, these fluorescent lamps would be regulated in various states and local communities.

This material safety data sheet does not constitute "knowledge of the waste", in certain jurisdictions.