

CFL Material Safety Data Sheet

Product: OuMei Compact Fluorescent Lamps, Model CFL 27W

Section I : Manufacturer and Contact Information

Ningbo OUMEI Light Source Tech Co, Ltd
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Section II: Hazardous Ingredients/Identity Information

MATERIAL	CAS#	OSHA PEL mg/m ³ Exposure Limits in Air	ACGIH TLV mg/m ³ Exposure Limits in Air	PERCENTAGE by weight
Phosphor Powder		15	10	<2.8%
Yttrium	1314-36-9	1	1	<0.8%
Barium Carbonate	0513-77-9	0.5	0.5	<0.15%
Manganese Carbonate	598-62-9	5.0	5.0	<0.15%
Tin	7440-31-5	0.1	0.1	<0.15%
Idium	7740-74-6	0.1		<0.09%
Bismuth	7440-69-9			<0.006%
Mercury	7439-97-6	0.1	0.025	<0.028%

Section III: Physical/Chemical Characteristics

Not applicable to these lamps since the hazardous ingredients are contained in a glass tube and a sealed, plastic base.

Section IV: Fire and Explosion Hazard

Not applicable to these intact lamps. Glass housing may crack or break if subjected to high or extreme temperatures and may emit toxic fumes.

Section V: Reactivity Data

Not applicable to intact lamps.

Section VI: Health Hazard Data

Not applicable to an intact lamp. However, if lamp is broken it may result in some exposure to phosphor dust and mercury. Precautions should be taken when cleaning up a broken bulb and disposed of per local, state, or federal regulations. There are no adverse effects or harm from limited exposure to the small quantity of chemicals in the lamps.

Section VII: Precautions for Safe Handling and Use

Disposal of fluorescent lights bulbs are subject to various local, state, and federal programs since they contain a small amount of mercury. For information on safe handling precautions and clean-up of broken lamps the user should go to www.epa.gov/cfl.

Section VIII: Control Measures

User should take appropriate precautions when handling broken lamps and ensure there is adequate ventilation if there are large amounts of broken lamps. Eye, hand and respiratory equipment should be used if there are large amounts of broken lamps being crushed or cleaned up.