

Material Safety Data Sheet

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Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name King of Fans CFL

Recommended Use Lights, Fluorescent.

Supplier Name King of Fans, Inc.
Supplier Address 1951 NW 22nd Street
Fort Lauderdale
Florida
33311
US

Supplier Phone Number Phone:954-484-7500
Fax:954-484-7587
Contact Phone1-954-484-7500

Supplier Email jrodriguez@kingoffans.com
Supplier Contact Name Jonathan Rodriguez

2. HAZARDS IDENTIFICATION

Emergency Overview

May cause eye irritation

Appearance White **Physical state** Solid. **Odor** None

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact.

Acute Toxicity

Eyes May cause irritation
Skin No known effect based on information supplied.
Inhalation No known effect based on information supplied
Ingestion No hazard from product as supplied

Chronic Effects No known effect based on information supplied Carcinogenic potential is unknown
Aggravated Medical Conditions None known

Environmental Hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Mercury	7439-97-6	1 - 5

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	Not determined.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<u>NFPA</u>	Health Hazards 1 Flammability 0 Stability 0 Physical and Chemical Hazards -

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes.
Environmental precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use personal protective equipment as required. Avoid generation of dust. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling	In case of rupture. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.
Storage	Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mercury 7439-97-6	TWA: 0.025 mg/m ³ TWA: 0.025 mg/m ³ Hg S*	(vacated) TWA: 0.05 mg/m ³ vapor (vacated) STEL: 0.03 mg/m ³ (vacated) S* (vacated) Ceiling: 0.1 mg/m ³ (vacated) Ceiling: 0.1 mg/m ³ Hg Ceiling: 0.1 mg/m ³	IDLH: 10 mg/m ³ IDLH: 10 mg/m ³ Hg Ceiling: 0.1 mg/m ³ Ceiling: 0.1 mg/m ³ Hg TWA: 0.05 mg/m ³ vapor TWA: 0.05 mg/m ³ except Organo alkyls Hg vapor

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/face protection Wear safety glasses with side shields (or goggles)
Skin and body protection No special protective equipment required
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White.	Odor	None.
Odor Threshold	No information available	Physical state	Solid
pH	No information available	Autoignition Temperature	No information available
Flash Point	No information available	Boiling point / boiling range	No information available
Decomposition temperature	No information available	Flammability Limits in Air	No information available
Melting Point/Range	No information available	Water Solubility	Insoluble
Explosion Limits	No information available	Evaporation Rate	No information available
Specific Gravity	1	Vapor density	No data available
Solubility	No information available.		
Vapor pressure	No data available		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products None known based on information supplied.

Conditions to avoid None known based on information supplied.

Hazardous Decomposition Products Carbon oxides.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied. Carcinogenic potential is unknown.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Mercury		Group 3		

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Mercury		96h LC50: = 0.5 mg/L (Cyprinus carpio) 96h LC50: = 0.16 mg/L (Cyprinus carpio) 96h LC50: = 0.18 mg/L (Cyprinus carpio) 96h LC50: = 0.9 mg/L (Oryzias latipes)		96h EC50: = 5.0 µg/L

13. DISPOSAL CONSIDERATIONS

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local regulations

US EPA Waste Number D009

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Mercury - 7439-97-6	U151	Included in waste streams: F039, K071, K106, K175	0.2 mg/L regulatory level	U151

California Hazardous Waste Codes M003

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Mercury	Toxic		Toxic	STLC (for PBTs): 0.2 mg/L TTLC (for P&Bs) (EHW): 2000 mg/kg as Hg TTLC (for PBTs): 20 mg/kg TCLP (for CA Toxicity): 0.2 mg/L

14. TRANSPORT INFORMATION

DOT NOT REGULATED

<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Not determined

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Mercury	7439-97-6	1 - 5	10

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Mercury		X	X	

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS No	Weight-%	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Mercury	7439-97-6	1 - 5				

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Mercury	1 lb	

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	CAS No	California Proposition 65
Mercury	7439-97-6	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum barium magnesium oxide			X		X

International Regulations

Mexico - Grade No information available

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Chemical Name	Carcinogen Status	Exposure Limits
Mercury		Mexico: TWA 0.05 mg/m ³

Canada

16. OTHER INFORMATION

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet