

PHILIPS LIGHTING CO -- MERCURY VAPOR LAMP H37KC-250/DX -- 6240-00-885-6821

===== Product Identification =====

Product ID:MERCURY VAPOR LAMP H37KC-250/DX

MSDS Date:07/09/1991

FSC:6240

NIIN:00-885-6821

MSDS Number: BKLVR

=== Responsible Party ===

Company Name:PHILIPS LIGHTING CO

Address:200 FRANKLIN SQUARE DRIVE

Box:6800

City:SOMERSET

State:NJ

ZIP:08875-6800

Country:US

Info Phone Num:908-563-3737

Emergency Phone Num:908-563-3195 (SAFETY & COMPLIANCE)

CAGE:7Z736

=== Contractor Identification ===

Company Name:PHILIPS CORP

Address:200 FRANKLIN SQUARE DR

Box:6800

City:SOMERSET

State:NJ

ZIP:08875

Country:US

Phone:201-563-3197

CAGE:62607

Company Name:PHILIPS LIGHTING COMPANY

Address:200 FRANKLIN SQUARE DRIVE

Box:6800

City:SOMERSET

State:NJ

ZIP:08875

Country:US

Phone:207-784-3591 EXT 129

CAGE:7Z736

===== Composition/Information on Ingredients =====

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: @0.02%

Other

REC Limits:NONE SPECIFIED  
OSHA PEL:S, C, 0.1 MG/M3  
ACGIH TLV:S, 0.05 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:YTTRIUM VANADATE PHOSPHOR  
Fraction by Wt: @2.5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:VANADIUM PENTOXIDE (SARA III)  
CAS:1314-62-1  
RTECS #:YW2460000  
Fraction by Wt: @1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C,0.5 MG/M3  
ACGIH TLV:0.05 MG/M3RDUST;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:YTTRIUM  
CAS:7440-6  
5-5  
RTECS #:ZG2980000  
Fraction by Wt: @0.7%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:INERT INGREDIENTS (GLASS, QUARTZ, METAL)  
Fraction by Wt: @97.5%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NOT APPLICABLE TO INTACT LAMP.  
WARNING! THESE LAMPS CAN CAUS

E SERIOUS SKIN BURN AND EYE  
INFLAMMATION FROM SHORT WAVE ULTRAVIOLET RADIATION IF OUTER  
ENVELOPE OF THE LAMP IS BROKEN OR PUNCTURED. DO NOT USE WHERE  
PEOPLE WILL REMAIN FOR MORE THAN A FEW MINUTES WHEN ENVELOPE IS  
BROKEN UNLESS ADEQUATE SHIELDING IS USED.

Explanation of Carcinogenicity:PRODUCT IS A GLASS LIGHT BULB.

Effects of Overexposure:BREAKAGE OF THE OUTER ENVELOPE MAY RESULT IN  
SOME EXPOSURE TO THE PHOSPHOR POWDER DUST. NO ADVERSE EFFECTS ARE  
EXPECTED FROM OCCASION

AL EXPOSURE TO BROKEN LAMPS, BUT AS A MATTER  
OF GOOD PRACTICE, PROLONGED OR FREQUENT EXPOSURE SHOULD BE  
AVOIDED. INNER QUARTZ ENVELOPE WHEN BROKEN MAY RELEASE ELEMENTAL  
MERCURY. NO EFFECT

Medical Cond Aggravated by Exposure:NONE

===== First Aid Measures =====

First Aid:TREAT CUTS FROM BROKEN GLASS IF CUT.

===== Fire Fighting Measures =====

Extinguishing Media:THIS ITEM IS A LIGHT BULB; IT HAS NO FIRE DATA.

Fire Fighting Procedures:UNDER EXTREME HEAT, OUTER ENVELOPE MIGHT MELT  
OR CRACK.

===== Accidental Release Measures =====

Spill Release Procedures:NORMAL PRECAUTIONS SHOULD BE TAKNT FOR  
COLLECTION OF BROKEN GLASS.

===== Handling and Storage =====

Handling and Storage Precautions:HANDLE AS YOU WOULD ANY GLASS PRODUCT;  
WITH CARE.

Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE. DUST MASK MIGHT BE USED IF LARGE VOLUMES  
OF LAMPS ARE BEING BROKEN FOR DISPOSAL.

Ventilation:AVOID INHALATION OF ANY AIRBORNE DUST.

Protective Gloves:FOR BROKEN GLASS

Eye Protection:FOR BROKEN GLASS

Other Protective Equipment:NONE

Work Hygienic Practices:NONE

Supplemental Safety and Health

PHILIPS LIGHTING CURRENTLY IS UNDER NO OBLIGATION TO PROVIDE A MSDS  
UNDER THE FEDERAL HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200  
SINCE THE LAMP MEETS THE DEFINITIO

N OF AN "ARTICLE" AND IS THUS EXE  
MPTED FORM REGULATION.

===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:THIS ITEM IS A GLASS LIGHT BULB.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:EXTREME HEAT

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ANY APPLICABLE  
FEDERAL,  
STATE AND LOCAL REGULATIONS.

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