

PHILIPS LIGHTING CO DIV OF NORTH AMERICAN PHILIPS -- C1000S52 HIGH PRESSURE SOIUM LAMPS -- 6240-01-051-2557

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

Product ID:C1000S52 HIGH PRESSURE SOIUM LAMPS

MSDS Date:12/01/1993

FSC:6240

NIIN:01-051-2557

Status Code:A

MSDS Number: CHYZV

=== Responsible Party ===

Company Name:PHILIPS LIGHTING CO DIV OF NORTH AMERICAN PHILIPS

Address:200 PHILIPS SQ DR

Box:6800

City:S

OMERSET

State:NJ

ZIP:08875-6800

Country:US

Info Phone Num:201-563-3493

Emergency Phone Num:201-563-3493

CAGE:7Z736

=== Contractor Identification ===

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

Company Name:PHILLIPS LIGHTING CO

Address:200 FRANKLIN ST

Box:City:SOMERSET

State:NJ

ZIP:08875

Country:US

Phone:607-776-3311

CAGE:0BWY7

===== Composition/Information on Ingredient =====

ts =====

Ingred Name:PHOSPHOR POWDER (INCLUDES INGREDIENTS #2-4)

Fraction by Wt: 3%

Other REC Limits:NONE RECOMMENDED

Ingred Name:FLUORIDES

Fraction by Wt: 0.01%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIMONY (SARA 313) (CERCLA)

CAS:7440-36-0

RTECS #:CC4025000

Fraction by Wt: 0.01%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG (SB)/M3; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:MANGANESE (SARA 313)

CAS:7439-96-5

RTECS #:OO9275000

Fraction

by Wt: 0.02%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9495

Ingred Name:MERCURY (SARA 313) (CERCLA)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 0.01%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C, 0.1 MG/M3; Z-2

ACGIH TLV:S,0.025 MG/M3; A4;95

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:CALCIUM PHOSPHATE CRYSTAL MATRIX (MATLS #1-5 ARE TIGHTLY
BOUND WITHIN THIS MATRIX)

Other REC Limits:NONE RECOMMENDED

Ingred Name:INERT INGREDIENTS (GLASS, ALUMINUM

, ETC)
Fraction by Wt: 97%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:BREAKAGE OF LAMP MAY RESULT IN SOME
EXPO TO PHOSPHOR POWDER DUST & TO ELEMENTAL MERCURY VAP.PHOSPHORS
CONTAIN ALUMINATES,PHOSPATES & OXIDE.NO ADVERSE AFFECTS
ARE
EXPECTED FRM OCCASSIONAL EXPO TO BROK EN LAMPS BUT AS MATTER OF
GOOD PRACTICEPROLONGED/ FREQUENT EXPO SHOULD BE AVOIDED THRU USE OF
ADEQUATE VENTI (SUPPLEMEN
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NORMAL FIRST AIR PROCEDURE FOR GLASS CUTS IF SUCH OCCUR
THROUGH LAMP BREAKAGE.

===== Fire F
ighting Measures =====

Unusual Fire/Explosion Hazard:UNDER EXTREME HEAT GLASS TUBE MIGHT MELT
OR CRACK.

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

Spill Release Procedures:NORMAL PRECAUTIONS SHOULD BE TAKEN FOR
COLLECTION OF BROKEN GLASS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:CUST

OMERS SHOULD REVIEW THEIR WASTE HANDLING PRACTICES TO ASSURE THAT THEY ARE PROPERLY DISPOSING OF WASTE LAMPS.

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

Respiratory Protection: APPROPRIATE DUST MASK SHOULD BE USED IF LARGE VOLUMES OF LAMPS ARE BEING BROKEN FOR DISPOSAL.

Ventilation: AVOID INHALATION OF ANY AIRBORNE DUST. PROVIDE LOCAL EXHAUST WHEN DISPOSING LARGE QUANTITIES OF LAMPS.

Protective Gloves: APPROP PROT WHEN DISPO/BROKEN LAMPS.

Eye Protection: AP

PROP PROT WHEN DISPO/BROKEN LAMPS.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: AS MATTER OF GOOD PRACTICE PROLONGED/FREQUENT EXPO SHOULD BE AVOIDED THRU USE OF ADEQUATE VENTI DURING DISPO OF LG AMTS.

Supplemental Safety and Health

HEALTH HAZ: DURING LG QUANT OF LAMP DISPO. DISPO: & APPEAR TO DEPENDENT ON LAMP OPERATING CONDITIONS/BURN TIME. LAMPS FRM ALL MFG EXHIBIT SAME PHENOMENA. NEMA WORKS CLOSELY W/EPA FOR CLARIF/ GUIDANCE. SM A MT PLACED

IN ORDINARY TRASH NOT APPREC AFFECT METHOD OF DISPO.

SPENT LAMPS ADD TO OTHER REG WASTE/LG AMTS MAY BE REG.

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

HCC: N1

Appearance and Odor: ARTICLE, ITEM IS A LIGHT BULB.

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

Stability Indicator/Materials to Avoid: YES

GLASS WILL REACT WITH HYDROFLUORIC ACID.

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

Waste Disposal Methods: UNDER TCLP

PROMULGATED BY US EPA TESTS OF USED/

SPECINT FLUORESCENT/INCANDESCENT/HIGH INTENSITY DISCHARGE LAMPS INDICATE SOME TYP MAY BE CLASSIFIED AS CHARACTERI HAZ WASTE. NOTABLY TCLP RESULTS FOR FLUO RESCENT LAMPS VARY TREMENDOUSLY FRM LABTO LAB(SUP

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