

GENERAL ELECTRIC CO GE LIGHTING -- F20T12CW FLUORESCENT LAMP -- 6240-00-152-2996

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Product Identification
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Product ID:F20T12CW FLUORESCENT LAMP

MSDS Date:02/03/1992

FSC:6240

NIIN:00-152-2996

MSDS Number: BYVTZ

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO GE LIGHTING

Address:1975 NOBLE RD; NELA PARK NO 4310

City:CLEVELAND

State:OH

ZIP:44112

Country:US

Info Phone Num:216-266-

3349/800-624-0624

Emergency Phone Num:216-266-2121

CAGE:08805

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO GE LIGHTING

Address:NELA PARK NO 4705

Box:City:CLEVELAND

State:OH

ZIP:44112

Country:US

Phone:800-624-0624/216-266-2121

CAGE:08805

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Composition/Information on Ingredients
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Ingred Name:GLASS, SODA-LIME (GLASS TUBE)

Other REC Limits:NONE RECOMMENDED

Ingred Name:MERCURY, ELEMENTAL (AMT IN FLUORESCENT LAMP IS ROUGHLY
PROPORTIONAL TO ITS LE

NGTH,BEING ABOUT 5-10 MILLIGRAMS/FOOT)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ATMOSPHERE OF INERT GAS (USUALLY ARGON, NEON OR KRYPTON)

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHOR (RELATIVELY INERT PHOSPHATE THAT HAS BEEN USED BY
GE CO SINCE 1949).

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Health Hazards Acute and Chronic:

INCIDENTAL EXPOSURE TO INERT PHOSPHATE

DUE TO BROKEN LAMP HAS BEEN FOUND TO BE NOT HARMFUL.NO SIGNIFICANT ADVERSE EFFECTS EITHER BY INGEST/INHAL/SKIN CONTACT/EYE IMPLANT WERE FOUND IN 5YR ANIMAL STUDY OF ORIGNIAL PHOSPHOR BY INDUST HYG FOUND OF MELLON INST.TO GE KNOWLEDGE THERE HAVE BEEN NO SIGNIFICANT (SIGNS/SYMPTOMS)

Effects of Overexposure:HEALTH HAZ:ADVERSE EFFECTS ON HUMANS BY ANY OF THESE ROUTES DURING THE MANY YRS OF ITS MFG/USE.

Medical Cond Aggravated by Exposur e:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:NONE SPECIFIED BY MANUFACTURER.

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Fire Fighting Measures
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Extinguishing Media:MFG NOT PROVIDED. HMIS:USE APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:MFG NOT PROVIDED. HMIS:USE APPROPRIATE PPE AS CONDITIIONS WARRANT.

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Accidental Release Measures
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Spill

Release Procedures:AS IN CASE OF PROD CONTAINING GLASS/CHEM REASONABLE CARE SHOULD BE OBSERVE WHEN BURNED OUT FLUORESCENT LAMPS HNDLD/DISCARDED.FLUORESCENT LAMPS FILLED TO VERY LOW PRESSURE(ALMOST VAC);IMPLOSIONS MAY OC CUR IF BROKEN.PROPER EQMT SHOULD BE WORN (SUPPLE)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:FLUORESCENT LAMPS CONTAIN RELATIVELY SM QUANT OF MERCURY

;AMT ROUGHLY PROPORTIONAL TO LAMP'S LENGTH-ABOUT 5-10MG OF MERCURY/FT.DISPOSAL MAYBE REGULATED

Other Precautions:INFO FOR THIS MSDS TAKEN FROM PRODUCT SHEETS FAXED FROM GE LIGHING.ITEM IS ARTICLE;LOW PRESSRUE DISCHARGE LAMPS.ELECTRIC ARC CONDUCTED THRU ATM OF INERT GAS & MERCURY VAP.LIGHT GENERATED BY THIN PHOSP HOR COAT ON INSIDE SURFACE OF TUBE.

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Exposure Controls/Personal Protection
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Respiratory Protection:SUITABLE RESPIRATORS SHOULD BE WORN I

F MERCURY

VAP CONCEN EXCEEDS EXTABLISHED STDS WHEN LG QUANT OF LAMPS ARE
BROKEN (ESPECIALLY IN CONFINED OR POORLY VENTILATED AREA).

Ventilation:INCREASED VENTILATION FOR LG QUANT OF BROKEN LAMPS
RESULTING IN MERCURY VAP CONCEN EXCEEDS ESTABLISHED STDS.

Work Hygienic Practices:MFG NOT PROVIDED. HMIS:USE CAUTION WHEN
HANDLING LAMPS & WHEN BROKEN.

Supplemental Safety and Health

SPILL:WORN TO PROT EYE/SKIN FROM FLYING GLASS FRAGMENTS.LG QUANT OF
FLUORESCENT LAMPS BROKEN-PRECAUT M

EASURES RECOMMENDED TO CNTRL EXPO

TO DISPERSED DUST/MERCURY VAP.BREAK OUTDOORS/WELL VENT INDOOR AR
EA.USE CLSD WASTE CNTNR/LOC VENT. DISPO:IF LG QUANT,MEASURE PERDCLY
MERCURY VAP CONCEN.LEVELS EXCEED USE PPE.MAY BE REG.

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

HCC:N1

Appearance and Odor:ARTICLE.

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

Stability Condition to Avoid:MFG NOT PROVIDED. HMIS:BROKEN FLUORESCENT
LAMPS.

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

Waste Disposal Methods:MAY BE REGULATED.DON'T THROW LAMPS INTO
FIRE/DOMESTIC-TYPE INCINERATOR.IN MOST CASES OF BROKEN LAMP,NOT
EXPECT THE SM AMT OF MERCURY PRESENT WILL CAUSE ANY SIGN AMT OF
AIRBORNE MERCURY SINCE MOST OF E LEMENTAL MERCURY REMAINS ADHER TO
PHOSHPOR(SUPPLY)

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