

UNISON INDUSTRIES LTD PARTNERSHIP -- PN 10-106380-3 SPARK GAP, UNISON (BENDIX) --
6625-00-581-5265

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

Product ID:PN 10-106380-3 SPARK GAP, UNISON (BENDIX)

MSDS Date:09/04/1997

FSC:6625

NIIN:00-581-5265

MSDS Number: CFMQT

=== Responsible Party ===

Company Name:UNISON INDUSTRIES LTD PARTNERSHIP

Address:7575 BAYMEADOWS WAY

Box:17800

City:JACKSONVILLE

State:FL

ZIP:32245-7880

Country:US

Info Phone Num:904-739-4000/904-739-4135

Emerge

ncy Phone Num:904-739-4000

Preparer's Name:DSCR-VBA(HMIS)

CAGE:59501

=== Contractor Identification ===

Company Name:AMPHENOL CORP BENDIX CONNECTOR OPNS

Address:40-60 DELAWARE ST

Box:City:SIDNEY

State:NY

ZIP:13838-1395

Country:US

CAGE:77820

Company Name:UNISON INDUSTRIES

Address:7575 BAYMEADOWS WAY

Box:17880

City:JACKSONVILLE

State:FL

ZIP:32245-7880

Country:US

Phone:904-739-4119

CAGE:59501

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

Ingred Name:CESIUM 137, AMT IS LESS T

HAN 5 MICROCURIES PER UNIT.
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:2 MILLIREMS IN ANY 1HR.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NUMBERS OF GAPS STORED TOGETHER CAN
YIELD RADIATION DOSE RATE IN EXCESS OF 2MR/HR @SURF OF STORAGE
CNTNR.THEREFORE RECOMMEND NO MORE THAN SIX(6) CESIU
M 137 GAPS BE
HNDL BY PERSON @ONE TIME UNLESS SHIE LDED BY RADIATION ABSORBING
MATLS OR SEPARATED BY @LESAT 3INCHES FROM OTHER SPRAK GAP.
Explanation of Carcinogenicity:RADIOACTIVE BETA EMITTER.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NONE SPECIFIED BY MANUFACTURER.

===== Fire Fighting Measures =====
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Flash Point:NP
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NP
Upper Limits:NP
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:IN EVENT THAT CESIUM 137 BREAKS CARE MSUT BE
TAKEN TO AVOID COTNACT W/ OR DISPERSION OF RADIOACTIVE
MATL.RADIATION EMISSION
DESCRIBED THEREIN REFERS TO INDIVIDUAL
SPARK GASP.PHY SEPARATION OF SPARK GA SP INSIDE EXCITER UNITS &
ABSORPTION OF(SUPPLEM)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:INFO CONCERN HNDGL RADIOACTIVE
MATL:FED REG TITLE 10PART20-TD FOR PROT AGAINST RADIATION OR
T.O.00-110N-7-HNDLG/DISPO OF RADIOACT ELECT TUBE/SPARK GAP
Other Precautions:PER L.HARDT,UNISON INDUSTRIES LETTE

R HAVE NO MSDS

BECAUSE MFG OF SPARK GAPS USING CS137 WAS DISCONT LONG BEF MSDS SYS
WAS INITIATED.ALL THAT REMAINS AVAIL W/MENTION OF 5MICROCURIES MAX
LEVEL IS 1975 L ICENSE AMENDMENT(LIC#:31-00612-02E).

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Eq

uipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:INFO FOR RADIAOACTIVE INGRED CE137 POWDER.NO
MSDS REQUIRE FOR SPARK GAP NOR CE137-QUANT W/I EXCEPTED
QUANT-40CFR173.423.

Supplemental Safety and Health

DISPO:OF MORE THAN 6 GAPS/PKG.WHEN DISPO IN SM QUANT RADIOACTIVE SPARK
GAPS PRESENT INSIGNIF RADIATION HAZ.NORMAL HNDLG OF SHOP TRASH MAY
RESULT IN HAZ ACCUM IN DUMP AREA.FOLLOW FED/STATE REGS. SPILL:
RADIATION BY EXCITER COMPO REDUCES DOSERATE @EXCITER SURF TO LE
VEL

WELL BEL MAX PERMISS EXPO NO MATTER HOW MANY UNITS S

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

HCC:A2

Boiling Pt:B.P. Text:NP

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:NP

Spec Gravity:NP

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:NP

Appearance and Odor:ENCLSD IN METAL-GLASS SEAL ENVLP W/IN IGN UNIT
W/VERY SM AMT OF RADIOACT MATL

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:NO
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PER LETTER DTD 04SEP97 FROM L.HARDT,UNISON
INDUSTRIES:WE CAN OFFER TO DISPO OF THESE GAPS FOR YOUR @NO CHARGE
IF CAN SHIP THEMPREPAI
D.SHIP ATTN:LYMAN R. HARDT,7575 BAYMEADOWS
WAY,JACKSONVILLE,FL 32256 .RECOMMEND NOT SHIPPING THEM IN QUANT OF
(SUPPLE)

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