

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

Emergency 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 I

Ingredients =====

Ingred Name:CESIUM 137, AMT IS LESS THAN 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) CESIUM 137 GAPS BE
HNDL BY PERSON @ONE TIME UNLESS SHIELD BY RADIATION ABSORBING
MATLS OR SEPARATED BY @LEAST 3INCHES FROM OTHER SPRAY 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 =====

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 MUST BE
TAKEN TO AVOID CONTAMINATION

ACT 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 LETTER 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.
Ey
e Protection:NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment: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 LEVEL
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 RA

DIOACT MATL
Percent Volatiles by Volume:NP
Corrosion Rate:NP

===== 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 DI
SPO OF THESE GAPS FOR YOUR @NO CHARGE
IF CAN SHIP THEMPREPAID.SHIP ATTN:LYMAN R. HARDT,7575 BAYMEADOWS
WAY,JACKSONVILLE,FL 32256 .RECOMMEND NOT SHIPPING THEM IN QUANT OF
(SUPPLE)

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for i
ts use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.