

NATIONAL ELECTRONICS DIV OF RICHARDSON ELECTRONICS -- QF 451 -- 5960-00-714-1986

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

Product ID:QF 451

MSDS Date:03/01/1989

FSC:5960

NIIN:00-714-1986

MSDS Number: CCLST

=== Responsible Party ===

Company Name:NATIONAL ELECTRONICS DIV OF RICHARDSON ELECTRONICS

Address:40W267 KESLINGER RD

City:LAFOX

State:IL

ZIP:60147

Country:US

Info Phone Num:312-232-6400

Emergency Ph

one Num:312-232-6400/800-348-5580

CAGE:83781

=== Contractor Identification ===

Company Name:NATIONAL ELECTRONICS DIV OF RICHARDSON ELECTRONICS

Address:40W267 KESLINGER RD

Box:City:LAFOX

State:IL

ZIP:60147

Country:US

CAGE:83781

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

Ingred Name:TRITIUM (150 UCI)

CAS:10028-17-8

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT RELEVANT

Routes of Entry: Inha

lution:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NOT RELEVANT
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NOT RELEVANT
Medical Cond Aggravated by Exposure:NOT RELEVANT

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

First Aid:NOT RELEVANT

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

Flash Point:NONE
Extinguishing Media:NOT RELEVANT
Fire Fighting Procedures:NOT RELEVANT
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:IF BROKEN, SWEEP UP CAREFULLY AND TRANSFER INTO A SEALABLE WASTE CONTAINER. WEAR GLOVES.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN. PROTECT TUBES AGAINST PHYSICAL DAMAGE.
Other Precautions:DO NOT CRUSH, GRIND, CUT, FILE, SAW OR OTHERWISE CREATE DUST FROM MAGNETIC MATERIAL USED AS A PART OF ELECTRON TUBES.

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

Respiratory Protection:NOT RELEVANT
Ventilation:NOT RELEVANT
Protective Gloves:NOT RELEVANT
Eye Protection:NOT RELEVANT
Other Protective Equipment:NOT RELEVANT
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health
ELECTRON TUBES QUALIFY AS "ARTIC

LES" AS DEFINED IN THE OSHA HAZARD
COMMUNICATION STANDARD, 29 CFR 1910.1200. NO MATERIAL SAFETY DATA
SHEET, MSDS, WAS AVAILABLE FROM MANUFACTURER.

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

HCC:A2
NRC/State Lic Num:NOT RELEVANT
Spec Gravity:NOT RELEVANT
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:NOT RELEVANT
Appearance and Odor:SOLID FORM, ELECTRON TUBE

===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES
NOT RELEVANT
Stability Condition to Avoid:NOT RELEVANT
Hazardous Decomposition Products:NOT RELEVANT

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. RECYCLING OF MAGNETS USED IN ELECTRON
TUBES IS RECOMMENDED.

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