

TADIRAN ELECTRONIC INDUSTRIES INC -- TADIRAN T, TD, HTX, TDH, TDV BATTERIES --
6130-01-075-0731

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

Product ID:TADIRAN T, TD, HTX, TDH, TDV BATTERIES
MSDS Date:08/18/1989
FSC:6130
NIIN:01-075-0731
MSDS Number: BTJCJ
=== Responsible Party ===
Company Name:TADIRAN ELECTRONIC INDUSTRIES INC
Address:40 SEAVIEW BLVD
City:PORT WASHINGTON
State:NY
ZIP:11050
Country:US
Info
Phone Num:516-621-4980
Emergency Phone Num:516-621-4980
CAGE:0BYG1

=== Contractor Identification ===
Company Name:TADIRAN ELECTRONIC INDUSTRIES
Address:40 SEAVIEW BLVD
Box:City:PORT WASHINGTON
State:NY
ZIP:11050
Country:US
Phone:516-621-4980
CAGE:0BYG1
Company Name:TEKTRONIX INC
Address:14150 SW KARL BRAUN DR
Box:500
City:BEAVERTON
State:OR
ZIP:97077
Country:US
Phone:503-627-7255
CAGE:80009

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

Ingred Name:NICKEL (SARA III)
CAS:

7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394

Ingred Name:CADMIUM (SARA III)
CAS:7440-43-9
RTECS #:EU9800000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:NO HAZARDS EXPECTED UNLESS EXPOSED TO
BATTERY CONTENTS. ELECTROLYTE IS CORROSIVE TO TISSUE. SHORTING
CELLS MAY CAUSE THERMAL BURNS.
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND RE
GULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:DAMAGED TISSUE IN AREA CONTACTED BY
ELECTROLYTE, THERMAL BURNS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA
THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. EYES: FLUSH W

ITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET
MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:DRY SAND
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAU
SE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:FLUSH WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT SHORT CIRCUIT, REVERSE CHARGE,
DEEP DISCHARGE, DISPOSE IN FIRE.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection
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Respiratory Protection:NOT NORMALLY REQUIRED.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO
MAINTAIN EXPOSURE LEVELS.
Protective Gloves:NOT NORMALLY REQUIRED.
Eye Protection:NOT NORMALLY REQUIRED.
Other Protective Equipment:EMERGENCY EYEWASH STATION AND SHOWER.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NOT GIVEN

Appearance and Odor:NICKEL CADMIUM ALKALINE CELLS

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:FIRE, R

EVERSE CHARGING, DEEP DISCHARGING,

PHYSICAL DAMAGE.

Hazardous Decomposition Products:HYDROGEN AND OXYGEN

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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