

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:0BY

G1

=== 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

OS

HA 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

===== Hazards Identification =====
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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 REGULATED 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 WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
GET MEDICAL ATTEN

TION. 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 CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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===== 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 =====

Respiratory Protection:NOT NORMALLY REQUIRED.

V

entilation: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.

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

HCC:N1

Boili

ng 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, REVERSE 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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