

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

=
===== 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 CAUSE

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

=====

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.

=====

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.

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 its 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.