

TADIRAN ELECTRONIC INDUSTRIES INC -- LITHIUM THIONYL CHLORIDE BATTERY --  
6135-01-324-2505

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

Product ID:LITHIUM THIONYL CHLORIDE BATTERY

MSDS Date:08/18/1989

FSC:6135

NIIN:01-324-2505

MSDS Number: BSGHX

=== Responsible Party ===

Company Name:TADIRAN ELECTRONIC INDUSTRIES INC

Address:40 SEAVIEW BOULEVARD

City:PROT WASHINGTON

State:NY

ZIP:11050

Country:US

Info Phone N

um:516-621-4980

Emergency Phone Num:516-621-4980

CAGE:0BYG1

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

Company Name:NETEX INDUSTRIES(FORMER NORTHEAST TEXAS IND)

Address:1700 NORTH EDWARDS STREET

Box:City:MOUNT PLEASANT

State:TX

ZIP:75455

Country:US

Phone:903-577-0388

CAGE:0WAG0

Company Name:TADIRAN ELECTRONIC INDUSTRIES

Address:40 SEAVIEW BLVD

Box:City:PORT WASHINGTO

N  
State:NY  
ZIP:11050  
Country:US  
Phone:516-621-4980  
CAGE:0BYG1  
Company Name:TADIRAN ELECTRONICS INC.  
Address:350 5TH AVENUE  
Box:City:NEW YORK  
State:NY  
ZIP:10118-0001  
Country:US  
Phone:212-947-4600  
CAGE:4J947

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

Ingred Name:THIONYL CHLORIDE  
CAS:7719-09-7  
RTECS #:XM5150000  
Fraction by Wt: 50%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 1 PPM  
ACGIH TLV:C 1 PPM; 9293

Ingred Name:SULFUR DIOXIDE (SARA III)  
CAS:7446-09-5  
RTECS #:WS4550  
000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 PPM/5 STEL  
ACGIH TLV:2 PPM/5 STEL; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE LIQUID, CAUSES BURNS,  
HARMFUL IF INHALED.  
Explanation of Carcinogenicity:MFR: "N/A" HMIS:NONE OF THE CHEMICALS IN  
THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

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First Aid Measures  
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First Aid:MFR:"IN CASE OF BATTERY DAMAGE AND EXPOSURE TO INTERNAL COMPONENTS, SEE SECTION VII." (SECTION VII IS PRECAUTIONS FOR SAFE HANDLING & USE.) HMIS:IN CASE OF CONTACT WITH THE BATTERY'S INTERNALS, WASH THOROUGHLY & IMMEDIATELY WITH WATER. IF ANY BURNS OR IRRITATION DEVELOPES, GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media:LIT-X-EXTINGUISHER

Fire Fighting Procedures:NO WATER ALLOWED (APPLICABLE FOR WAREHOUSES) .  
USE ONLY MANUFACTURER'S RECOMMENDED PROCEDURES.

Unusual Fire/Explosion Hazard:RELEASE OF SULFUR DIOXIDE, HYDROGEN AND HYDROCHLORIC ACID IF OPENED.

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Accidental Release Measures  
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Spill Release Procedures:GET FULL PROTECTIVE EQUIPMENT. USE LARGE CONTAINER FILLED WITH OIL, FILTERED MASKS. VENTILATE THE CONTAMINATED AREA.

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Handling and Storage  
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Handling and Storage Precautions:U.L. STATEMENT: WARNING!  
FIRE,EXPLOSION AND SEVERE BURN HAZARD. DO NOT RECHARGE,DISASSEMBLE,HEAT OVER 212F,INCINERATE, OR EXPOSE CONTENTS TO WATER.

Other Precautions:MANUFACTURER LEFT THIS FIELD BLANK.

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Exposure Controls/Personal Protection  
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Work Hygienic Practices:MFR: ? HMIS:IF EXPOSED TO BATTERY INTERNALS, USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID CONTACT. WASH THOROUGHLY.

Supplemental Safety and Health

SIZE AA BATTERY WITH 0.55 GRAMS LITHIUM, SOLID CATHODE. ALL TADIRAN'S LITHIUM CELLS WHICH ARE SIZE AA OR SMALLER (EXCEPT AA HIGH CAPACITY) ARE NON RESTRICTED FOR TRANSPORTATION.

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Physical/Chemical Properties  
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HCC:N1

NRC/State Lic Num:NONE

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
INTERNAL CONTENTS WITH WATER.

Stability Condition to Avoid:FIRE, HEAT OVER 150C  
Hazardo

us Decomposition Products:SULFUR DIOXIDE, HYDROCHLORIC ACID,  
HYDROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR. EXPOSURE TO INTERNAL  
MATERIALS.

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

Waste Disposal Methods:BURY IN GROUND 1 METER DEEP OR DISPOSE OF WITH  
SPECIAL EQUIPMENT, OR USE PROFESSIONAL BATTERY DISPOSAL SERVICE.  
DISPOSAL SERVICES BY B.D.T. (716) 634-6794.

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