

TADIRAN ELECTONICS INDUSTRIES INC -- LITHIUM THIONYL CHLORIDE BATTERY --  
6135-01-251-2095

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

Product ID:LITHIUM THIONYL CHLORIDE BATTERY

MSDS Date:08/18/1989

FSC:6135

NIIN:01-251-2095

MSDS Number: BPJLK

=== Responsible Party ===

Company Name:TADIRAN ELECTONICS INDUSTRIES INC

Address:350 5TH AVE

City:NEW YORK

State:NY

ZIP:10118-0001

Country:US

Info Phone Num:516-621

-4980

Emergency Phone Num:516-621-4980

CAGE:NO303

=== Contractor Identification ===

Company Name:BATTERY ASSEMBLERS INC

Address:211-4 KNICKERBOCKER AVE

Box:City:BOHEMIA

State:NY

ZIP:11716

Country:US

Phone:407-323-3390/EM:516-567-8855/8278

CAGE:0B0Y5

Company Name:TADIRAN ELECTONICS INDUSTRIES INC

Address:350 5TH AVE

Box:City:NEW YORK

State:NY

ZIP:10118-0001

Country:US

Phone:516-621-4980

CAGE:NO303

Company Name:TADIRAN ELECTRONICS INC.

Address:350 5TH AVENUE

Box:City:NEW YORK

State:NY

ZIP:10118-00

01  
Country:US  
Phone:212-947-4600  
CAGE:4J947

=====  
Composition/Information on Ingredients  
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Ingred Name:LITHIUM METAL  
CAS:7439-93-2  
RTECS #:OJ5540000  
Other REC Limits:NONE RECOMMENDED

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), THIS IS A BY PRODUCT OF THE  
BATTERY.  
CAS:7446-09-5  
RTECS #:WS4550000  
Other REC Limits:NONE  
RECOMMENDED  
OSHA PEL:5 PPM/5 STEL  
ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:SULFUR, THIS IS A BY PRODUCT OF THIS BATTERY.  
CAS:7704-34-9  
RTECS #:WS4250000  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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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.  
Effects of Overexposure:NONE SPECIFIED BY

MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:IN CASE OF BATTERY DAMAGE AND EXPOSURE TO INTERNAL COMPONENTS  
SEEK MEDICAL ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media:LIT-X-EXTINGUISHER. DO NOT USE WATER OR FOAM! CAN  
USE SAND, OR G-1 GRAPHITE POWDER FOR LITHIUM FIRES.

Fire Fighting Procedures:FOR LARGE FIRES: WITHDR  
AW FROM AREA AND LET  
FIRE BURN.

Unusual Fire/Explosion Hazard:UNDER FIRE CONDITIONS, THIS PRODUCT  
RELEASES TOXIC DECOMPOSITION PRODUCTS.

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Accidental Release Measures  
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Spill Release Procedures:GET FULL PROTECTIVE EQUIPMENT. DRY SPILL: WITH  
CLEAN SHOVEL PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER  
LOOSELY, MOVE CONTAINERS FORM SPILL AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:DO NOT RECHARGE, DISASSEMBLE, HEAT  
ABOVE 212F, INCINERATE OR EXPOSE CONTENTS TO WATER.

Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Supplemental Safety and Health  
NONE

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

HCC:Z6

Viscosity:NOT RELEVANT

Appearance and Odor:NOT SPECIFIED BY MANUFACTURER.

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Stability and Reactivity Data  
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Stab

ility Indicator/Materials to Avoid: YES

INTERNAL CONTENTS SHOULD NOT BE EXPOSED TO WATER.

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

Hazardous Decomposition Products: SULFUR DIOXIDE, HYDROGEN CHLORIDE,  
AND/OR HYDROGEN.

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

Waste Disposal Methods: USE PROFESSIONAL BATTERY DISPOSAL SERVICE.

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