

TADIRAN LTD ISRAEL, TADIRAN ELECTRONICS -- LITHIUM THIONYL CHLORIDE BATTERY --  
6135-01-251-2095

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

Product ID:LITHIUM THIONYL CHLORIDE BATTERY  
MSDS Date:12/08/1992  
FSC:6135  
NIIN:01-251-2095  
Status Code:A  
MSDS Number: CLDCJ  
=== Responsible Party ===  
Company Name:TADIRAN LTD ISRAEL, TADIRAN ELECTRONICS  
Address:2 SEAVIEW BLVD  
City:PORT WASHINGTON  
State:NY  
ZIP:11050  
Country:US  
Info Phone Num:516-621-4980  
Emergency Phone Num:516-621-4980  
CAGE:UO161  
=== Contractor Identification ===  
Company Name:PLAINVIEW BATTERIES INC  
Address:23 NEWTOWN RD  
Box:City:PLAINVIEW  
State:NY  
ZIP:11803  
Country:US  
Phone:516-249-2873  
CAGE:0LEJ1  
Company Name:TADIRAN LTD ISRAEL, TADIRAN ELECTRONICS  
Address:2 SEAVIEW BLVD  
Box:City:PORT WASHINGTON  
State:NY  
ZIP:11050  
Country:US  
Phone:516-621-4980  
CAGE:UO161

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

Ingred Name:THIONYL CHLORIDE (SOCL2)  
CAS:7719-09-7  
RTECS #:XM5150000  
= Wt:50.  
Ot

her REC Limits:6 PPM  
ACGIH STEL:C4.9 MG/M3;C1 PPM

Ingred Name:SULFUR DIOXIDE (SO2)  
CAS:7446-09-5  
RTECS #:WS4550000  
Other REC Limits:2 PPM  
OSHA PEL:13 MG/M3;5 PPM  
ACGIH TLV:5.2 MG/M3;2 PPM  
ACGIH STEL:13 MG/M3;5 PPM

===== 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:BATTERIES ARE HERMETICALLY SEALED. IF  
RUPTURED, CONTENTS ARE CORROS  
IVE. CORROSIVE LIQUID, CAUSES BURNS,  
HARMFUL IF INHALED.  
Effects of Overexposure:BURNS, IRRITATION, COUGHING, HARMFUL TO LUNGS.

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

First Aid:IN CASE OF BATTERY DAMAGE AND EXPOSURE TO INTERNAL  
COMPONENTS, SEE SPILL & RELEASE PROCEDURES. HMIS: IN CASE OF SKIN  
OR EYE CONTACT: WASH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP.  
IN CASE OF INHALA TION: REMOVE VICTOM TO FRESH AIR, PROVIDE  
CPR/OXYGEN IF NEEDED. GET ME  
DICAL HELP.

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

Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:LITH-X EXTINGUISHER.  
Fire Fighting Procedures:NO WATER ALLOWED (APPLICABLE FOR WAREHOUSES) .  
USE ONLY MANUFACTURER'S RECOMMENDED PROCEDURES.  
Unusual Fire/Explosion Hazard:RELEASE OF SO2, H2 AND HCL IF OPENED.

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

Spill Release Procedures:GET FULL PROTECIVE EQUIPMENT. USE LARGE

CONTAINER FILLED WITH OIL, FILTERED MASKS, VENTILATE THE  
CONTAMINATED AREA.

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

Handling and Storage Precautions:THE FOLLOWING IS SPECIFIED BY U.L.:  
WARNING: FIRE, EXPOSION AND SEVERE BURN HAZARD. DO NOT RECHARGE,  
DISASSEMBLE, HEAT ABOVE 212F, INCINERATE OR EXPOSE CONTENTS TO  
WATER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NA  
Ventilation:NA  
Protective Gloves:  
NA  
Eye Protection:NA  
Other Protective Equipment:NA  
Work Hygienic Practices:NA  
Supplemental Safety and Health

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

HCC:Z6  
Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text:NA  
Decomp Temp:Decomp Text:NA  
Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:NA  
pH:NA  
Viscosity:NA  
Evaporation Rate & Reference:NA  
Solubility in Water:NA  
Appearance and Odor:NA

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

Stability Ind  
icator/Materials to Avoid:YES  
INTERNAL CONTENTS WITH WATER.  
Stability Condition to Avoid:HEAT OVER 150C AND FIRE.  
Hazardous Decomposition Products:SO2, HCL, H2.  
Conditions to Avoid Polymerization: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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rovided with this information by the compiling agencies):

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