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YARDNEY TECHNICAL PRODUCTS, INC -- LISOCL2 BATTERY HT (HIGH TEMPERATURE)

6135-01-357-0621

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

Product ID:LISOCL2 BATTERY HT (HIGH TEMPERATURE)

MSDS Date:10/18/1990

FSC:6135

NIIN:01-357-0621

MSDS Number: BPLBM === Responsible Party ===

Company Name: YARDNEY TECHNICAL PRODUCTS, INC

Address:82 MECHANIC STREET

City:PAWCATUCK

State:CT ZIP:06379 Country:US Info Phone Num :203-599-1100

Emergency Phone Num:203-599-1100

CAGE:87326

=== Contractor Identification ===

Company Name: YARDNEY TECHNICAL PRODUCTS INC

Address:82 MECHANIC ST Box:City:PAWCATUCK

State:CT ZIP:06379 Country:US

Phone:203-599-1100

CAGE:87326

Company Name: YARDNEYTECHNICAL PRODUCTS INC.

Address:82 MECHANIC ST Box:City:PAWCATUCK

State:CT ZIP:06379 Country:US

Phone:203-599-1100

CAGE:0RKK3

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

Ingred Name: THIONYL CHLORIDE

CAS:7719-09-7

RT

ECS #:XM5150000 Other REC Limits:NONE RECOMMENDED OSHA PEL:C 1 PPM ACGIH TLV:C 1 PPM; 9192

Ingred Name:LITHIUM METAL CAS:7439-93-2 RTECS #:OJ5540000

Other REC Limits: NONE RECOMMENDED

Ingred Name: CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:3.5 MG/M3 ACGIH TLV:3.5 MG/M3; 9192

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

LD50 LC50 Mixture:NO INFORMATION GIVEN ON MSDS BY MFR.

Health Hazards Acute and Chronic:UNDER NORMAL CONDITI

ONS; NONE. IN EVENT

OF AN ACCIDENT; CORROSIVE FUMES WILL INJURE ANY EXPOSED ITSSUE. PULMONAAAARY EDEMA MAY OCCUR SEVERAL HOURS AFTER SEVERE EXPOSURE TO FUMES.

Explanation of Carcinogenicity: THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IN EVENT OF ACCIDENT:THIONYL CHLORIDE FUMES ARE CORROSIVE AND WILL INJURE EYES, MUCOUS MEMBRANES AND LUNGS.

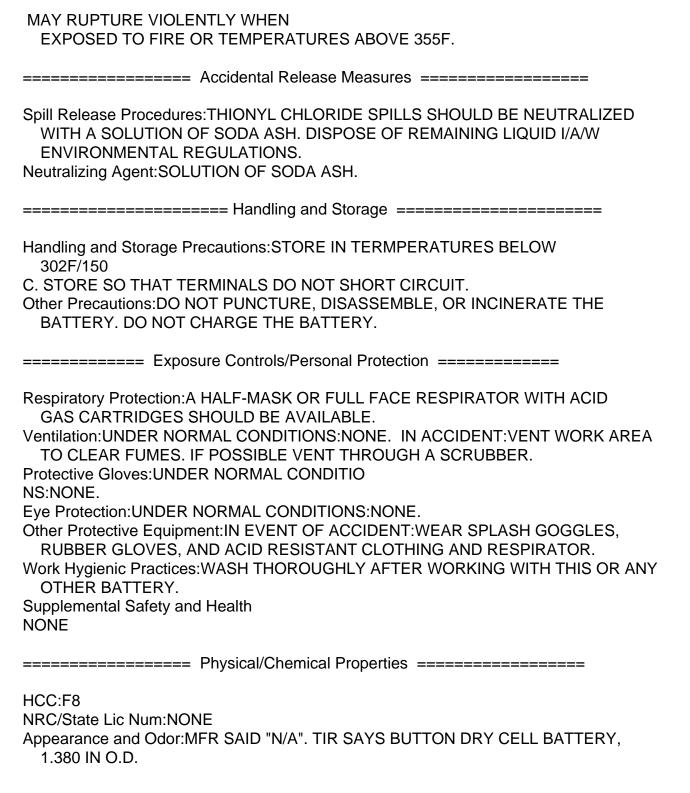
Medical Cond Aggravated by Exposure:RESPIRATORY ILLNESS AND SKIN CON

DITIONS.

First Aid:FOR CONTACT WITH LITHIUM, THIONYL CHLORIDE OR CARBON BLACK:FLUSH WITH COPIOUS AMOUNTS OF WATER.

Extinguishing Media:LITH-X OR OTHER METAL FIRE EXTINGUISHER POWDER (CLASS D).

Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING MUST BE USED. DO NOT USE WATER. Unusual Fire/Explosion Hazard:BATTERY



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| <br>Stability and Reactivity Data |  |
|-----------------------------------|--|
|                                   |  |

Stability Indicator/Materials to Avoid:YES

DO NOT IMERSE IN WATER

Stability Condition to Avoid:DO NOT EXPOSE TO TEMPERATURES ABOVE 302F/150C, PUNCTURE, SHORT CIRCUIT, OR CHARGE.

Hazardous Decomposition Products:LITHIUM METAL BURNS IN AIR TO FORM CAUSTIC LITHIUM OXIDE SMOKE. THIONYL CHLORIDE HYDROLYZES TO HCL AND SO2.

Conditions to Avoid Polymerization: WILL NOT OCCUR

| ========       | ======  | Disposal |    |
|----------------|---------|----------|----|
| Considerations | ======= | =======  | == |

Waste Disposal Methods:SPENT BATTERIES CONTAIN RESIDUAL ELECTROLYTE AND MAY CONTAIN RESIDUAL LITHIUM METAL AND MUST BE DISPOSED OF IN ACCORDANCE WITH ENVIRONMENTAL REGULATIONS.

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