

EAGLE-PICHER INDUSTRIES INC -- KEEPER II/LITHIUM/THIONYL CHLORIDE BATTERY --
6135-01-329-7994

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

Product ID:KEEPER II/LITHIUM/THIONYL CHLORIDE BATTERY

MSDS Date:07/01/1998

FSC:6135

NIIN:01-329-7994

Status Code:A

MSDS Number: CJDLF

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:N BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Info Phone Num:417-776-2256

Emergency Phone Num:417-776-2256

Chemtrec Ind/Phone:(800)424-9300

CAGE:0B3X4

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:14212 BETHEL ROAD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Phone:417-776-2256

CAGE:0B3X4

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

Ingred Name:LITHIUM

CAS:7439-93-2

RTECS #:OJ5540000

Ingred Name:THIONYL CHLORIDE (SOCL2)

CAS:7719-09-7

RTECS #:XM5150000

ACGIH STEL:C4.9 MG/M

3;C1 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SOCL2 WILL BURN AND IRRITATE EYES & SKIN. UPPER RESPIRATORY IRRITANT.CONTINUOUS INHAL OF FUMES MAY CUASE LUNG DMG.

Effects of Overexposure:SOCL2 WILL BURN AND IRRITATE EYES & SKIN.UPPER RESPIRATORY IRRITANT.CONTINUOUS INHAL OF FUMES MAY CAUSE LUNG DMG.

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

First Aid:IF FREE SOCL2 IS PRESENT, EVACUATE AREA AND PROVIDE VENTILATION,WASH EXPOSED AREAS W/SODA ASH OR SODIUM BICARBONATE SOLUTION.SEEK MED ATTN.

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

Extinguishing Media:DO NOT USE WATER. USE DRY CHEMICAL, SODA ASH, SAND.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:DON'T RECHARGE, DISASSEMBLE, HEAT ABOVE 125C(257F). INCINERA TE OR EXPOSE CONTENTS TO H2O. VENT RUPTURE OR EXPLOSION MAY RESULT & CAUSE SEVERE BURNS.

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

Spill Release Procedures:AVOID CONTACT IF VENT RUPTURE OR EXPLOSION HAS OCCURED.OTHERWISE PROTECT FROM HEAT,SHORT CIRUIT OF TERMINALS,AN ACCUMULATION OF SHORTED BATTERIES,WHICH MAY CAUSE DANGEROUS ELEVATED TEMPERATURES.

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

Handling and Storage Precautions:DO

NOT SHORT CIRCUIT, HEAT ABOVE

125C(257F),RECHARGE,DISASSEMBLE,INCINERATE OR EXPOSE TO WATER.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS.

Protective Gloves:NEOPRENE.

Eye Protection:RECOMMENDED.

Supplemental Safety and Health

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

HCC:Z6

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

Stability Indicator/Materials to Avoid

:YES
SOCL₂ WATER,HUMID AIR,ALKALIES,AND TEMPERATURE ABOVE 140C(284F).
Stability Condition to Avoid:VENT,RUPTURE OR EXPLOSION WILL
RELEASE-THIONYL CHLORIDE(SOCL₂).
Hazardous Decomposition Products:SOCL₂ IN PRESENCE OF WATER OR HUMID
AIR HYDROCHLORIC ACID & SULFUR OXIDE.

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

Waste Disposal Methods:DISPOSE OF WASTE ACCORDING TO FEDERAL EPA, STATE
AND LOCAL REGUALTIONS.

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