

EAGLE-PITCHER INDUSTRIES INC,ELECTRONICS DIV -- MAP 9095-2,KEEPER II/LITHIUM/THIONYL  
CHLORIDE BATTERY -- 6135-01-315-4328

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

Product ID:MAP 9095-2,KEEPER II/LITHIUM/THIONYL CHLORIDE BATTERY

MSDS Date:10/01/1992

FSC:6135

NIIN:01-315-4328

MSDS Number: CGLVW

=== Responsible Party ===

Company Name:EAGLE-PITCHER INDUSTRIES INC,ELECTRONICS DIV

Address:C AND PORTER STS

Bo

x:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Info Phone Num:417-623-8000,417-776-2256

Emergency Phone Num:417-623-8000,800-424-9300(CHEMTREC)

Preparer's Name:NONE

CAGE:NO415

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES, INC.

Address:C AND PORTER STS

Box:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Phone:417-623-8000

CAGE:81855

Company Name:EAGLE-PITCHER INDUSTRIES INC,ELECTRONICS DIV

Address:C AND PORTER STS

Box:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Phone:417-6

23-8000,417-776-2256  
CAGE:NO415

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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 (SOCL2)  
CAS:7719-09-7  
RTECS #:XM5150000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 1 PPM  
ACGIH TLV:C 1 PPM; 9495

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES  
Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SOCL2 - WILL BURN AND IRRITATE EYES  
AND SKIN. UPPER RESPIRATORY IRRITANT. CONTINOUS INHALATION OF FUMES  
MAY CAUSE LUNG DAMAGE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SOCL2 - EYE AND SKIN IRRITATION, PUNGENT ODOR  
AND RESPIRATORY IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:IF FREE (SOCL2) IS PRESENT, EVACUATE AREA AND PROVIDE  
VENTILATION, WASH EXPOSED AREAS WITH SODA ASH OR SODIUM BICARBONATE  
SOLUTION. SEEK MEDICAL ATTENTION.

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Fire Fighting Measures  
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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:DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE

125C (257 F). INCINERATE OR EXPOSE CONTENTS TO WATER. VENT, RUPTURE OR EXPLOSION MAY RESULT AND CAUSE SEVERE BURNS.

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

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

Neutralizing Agent:SODA ASH OR SODIUM BICARBONATE SOLUTION.

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

Handling and Storage Precautions:DO NOT SHORT CIRCUIT, HEAT ABOVE 125 C (257 F), RECHARGE, DISASSEMBLE, INCINERATE OR EXPOSE TO WATER.

Other Precautions:NONE

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IF NEEDED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NEOPRENE GLOVES FOR LEAKING BATTERY.

Eye Protection:RECOMMENDED.

Other Protective

Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:NORMAL WORKPLACE HYGENIC PRACTICE IS ADEQUATE.

Supplemental Safety and Health

NONE

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

HCC:Z6

===== 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.

Hazard

ous Decomposition Products:SOCL<sub>2</sub>, IN PRESENCE OF WATER OR HUMID  
AIR MAY FORM HYDROCHLORIC ACID AND SULFUR OXIDE  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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