

EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV -- KEEPER II/LITHIUM/THIONYL CHLORIDE BATTERY -- 6135-01-380-4396

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

Product ID:KEEPER II/LITHIUM/THIONYL CHLORIDE BATTERY

MSDS Date:10/01/1992

FSC:6135

NIIN:01-380-4396

MSDS Number: BWZJY

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV

Address:BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:

64865-0130

Country:US

Info Phone Num:417-776-2256 / FAX 417-776-2257

Emergency Phone Num:417-776-2256

CAGE:3L498

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV

Address:BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:64865-0130

Country:US

Phone:417-776-2256

CAGE:3L498

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

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

=====
===== 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:SOCL2 - WILL BURN AND IRRITATE EYES
AND SKIN. UPPER RESPIRATORY IRRITANT. CONTINUOUS INHALATION OF FUMES
MAY CAUSE LUNG DAMAGE.
Effects of Overexposure:SOCL2 - EYE AND SKIN
IRRITATION, PUNGENT ODOR
AND RESPIRATORY IRRITATION.

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

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.

=====
===== 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: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 VENTS 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.

=====
===== 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.
Protective Gloves:NEOPRENE.
Eye Protecti

on:RECOMMENDED.
Supplemental Safety and Health

===== 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 CAUSE
RELEASE - THIONYL CHLORIDE.
Hazardous Decomposition Products: SOCL₂ IN PRESENCE OF WATER OR HUMOD
AIR HYDROCHLORIC ACID
AND SULFUR OXIDE

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

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use.
Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.