

CHEMTOOL INC -- LITHIUM MOLY/POLY 2 EP (MC 2079) -- 9150-01-015-1542

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Product Identification
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Product ID:LITHIUM MOLY/POLY 2 EP (MC 2079)

MSDS Date:03/21/1996

FSC:9150

NIIN:01-015-1542

MSDS Number: CKVCC

=== Responsible Party ===

Company Name:CHEMTOOL INC

Address:RIDGEFIELD ROAD

Box:530

City:CRYSTAL LAKE

State:IL

ZIP:60039-0538

Country:US

Info Phone Num:815-459-1250

Emergency Phone Num:

815-459-1250

Preparer's Name:JON W. SMITH

CAGE:1CMP3

=== Contractor Identification ===

Company Name:CHEMTOOL INCORPORATED

Address:8200 RIDGEFIELD ROAD

Box:538

City:CRYSTAL LAKE

State:IL

ZIP:60039-0538

Country:US

Phone:815-459-1250

CAGE:1CMP3

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-00-W-2126

CAGE:0PGK2

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

St

ate:LA
ZIP:70056
Country:US
Phone:504-366-9105
Contract Num:SP0450-01-M-LR30
CAGE:0PGK2

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Composition/Information on Ingredients
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Ingred Name:PETROLEUM DISTILLATES (ALSO LISTED CAS 64741-97-5 AS PART OF MIX)

CAS:64742-52-5
RTECS #:PY8035000
Minumum % Wt:50.
Maxumum % Wt:70.
Other REC Limits:NOT AVAILABLE
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:RESIDUAL OILS

CAS:64741-95-3
Minumum % Wt:30.
Maxumum % Wt:50.
Other REC Limits:NOT AVAILABLE
OSHA PEL:5 MG/M3
A
CGIH TLV:5 MG/M3

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5
RTECS #:QA4697000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NOT AVAILABLE
OSHA PEL:10 MG/M3 AS MO
ACGIH TLV:10 MG/M3 AS MO

Ingred Name:LITHIUM 12-HYDROXYOCTADECANOATE

CAS:7620-77-1
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:ZINC ALKYL DITHIOPHOSPHATE

CAS:68649-42-3
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAI

TABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:STYRENE HYDROCARBON POLYMER
CAS:66070-58-4
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:ALKYL SULFIDE (MSDS HAD CAS NUMBER 800967-5492P)
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:CALCIUM DINONYLNAPHTHALENESULFONATE
CAS:57855-77-3
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NOT AVAILABLE
OSHA
PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:ZINC DIAMYL DITHIOCARBAMATE
CAS:15337-18-5
Minumum % Wt:0.
Maxumum % Wt:1.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:POLYETHYLENE
CAS:9002-88-4
RTECS #:KX3270000
Minumum % Wt:2.
Maxumum % Wt:8.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

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

LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhala

tion:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE OVER EXPOSURE EFFECTS: NONE

RECOGNIZED. CHRONIC OVER EXPOSE EFFECTS: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

Effects of Overexposure:ACUTE OVER EXPOSURE EFFECTS: NONE RECOGNIZED.

CHRONIC OVER EXPOSE EFFECTS: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION. SYMPTOMS OF EXPOSURE: IRRITATED EYES AND SKIN.

Medical Cond Aggra

vated by Exposure:NOT PROVIDED

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

First Aid:EYE: FLUSH WITH CLEAR WATER FOR 15 MIN OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, CALL PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING & WASH THOROUGHLY WITH SOAP & WATER. INHALATION: VAPOR PRESSURE IS VERY LOW. VAPOR INHALATION UNDER AMBIENT CONDITIONS IS NORMALLY NOT A PROBLEM. IF OVERCOME BY VAPOR FROM HOT PRODUCT IMMEDIATELY REMOVE FROM EXPOSURE AND CAL

L PHYSICIAN. IF BREATHING IS IR REGULAR OR HAS STOPPED, START RESUSCITATION; ADMINISTER OXYGEN, IF AVAILABLE. IF OVERCOME BY OIL MIST, REMOVE FROM FURTHER EXPOSURE UNTIL EXCESSIVE OIL MIST CONDITION SUBSIDES. INGESTION: DO NOT INDUC E VOMITING. CALL PHYSICIAN IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:=232.2C, 450.F

LOWEST OIL

Lower Limits:0.9

Upper Limits:7.0

Extinguishing Media:USE WATER SPRAY, DRY

CHEMICAL, FOAM OR CARBON

DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED-EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:SELF-CONTAINERD BREATHING EQUIPMENT AND CHEMICAL RESISTANT CLOTHING RECOMMENDED. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOFURES. MINIMIZE BREATHING GASES, VAPOR, FUMES OR DECOMPOSITION PR ODUCTS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES OR AS OTHERWISE NEEDED.

Unusual Fire/Explosion Ha

azard:PRESSURE WILL INCREASE IN OVER HEATED,
CLOSED CONTAINERS.

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

Spill Release Procedures:RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER
SUITABLE ABSORBENT TO SPOIL AREA. MINIMIZE SKIN CONTACT. KEEP
PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING.
ADVISE AUTHORITIES IF PRODU CT HAS ENTERED OR MAY ENTER SEWERS,
WATERCOURSES OR EXTENSIVE LAND AREAS. ASSURE CONFORMITY WITH
APPLICABLE GOVERNME
NTAL REGULATIONS.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:HANDLING: DO NOT STORE OR MIX WITH
STRONG OXIDIZERS. KEEP OUT OF EYES. STORAGE: DO NOT STORE SEALED
CONTAINER NEAR EXTREME HEAT. DO NOT REUSE CONTAINER.

Other Precautions:ALWAYS WASH HANDS WELL BEFORE TOUCHING FACE OR
EATING.

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

Respiratory Protection:NOT NORMALLY REQ
UIRED

Ventilation:NOT REQUIRED

Protective Gloves:USE CHEMICAL-RESISTANT GLOVES

Eye Protection:USE SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:USE CHEMICAL-RESISTANT APRON OR OTHER
IMPERVIOUS CLOTHING, IF NEEDED TO AVOID CONTMINATING REGULAR
CLOTHING WHICH COULD RESULT IN PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:ALWAYS WASH HANDS WELL BEFORE TOUCHING FACE OR
EATING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====
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HCC:V6

Boiling Pt:B.P. Text:NA

Vapor Pres:5

Spec Gravity:0.90 @ 60F

pH:NA

Evaporation Rate & Reference: