

CHEMTOOL INC -- LITHIUM MOLY/POLY 2 EP (MC 2079) -- 9150-01-005-4860

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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:01-005-4860

Status Code:A

MSDS Number: CKYXY

=== Responsible Party ===

Company Name:CHEMTOOL INC

Address:RIDGFIELD ROAD

Box:538

City:CRYSTAL LAKE

State:IL

ZIP:60039-0538

Country:US

Info Phone Num:815-459-1250

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ncy Phone Num:815-459-1250

Preparer's Name:JON W. SMITH

CAGE:1CMP3

=== Contractor Identification ===

Company Name:CHEMTOOL INCORPORATED

Address:8200 RIDGFIELD 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:SP0450-01-M-C820

CAGE:0PGK2

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Composition/Information on Ingredients
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Ingred Name:PETROLEUM DISTILLATES (CAS # 64742-97-5 IS INVALID).

CAS:64742-52-5

RTECS #:PY8035000

Minumum % Wt:50.

Maxumum % Wt:70.

Other REC Limits:NOT AVAILABLE

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:RESIDUAL OILS

CAS:64741-95-3

Minumum % Wt:30.

Maxumum % Wt:50.

Other REC Limits:NOT AVAILABLE

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:N

OT 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 AVAILABLE

ACGIH TLV:NOT AVAILABLE

Ingred Name:STEYRENE HYDROCARBON POLYMER (CAS # 66070-55-4 IS INVALID)

Minumum % Wt:0.

Maxumum % W

t:1.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:ALKYL SULFIDE (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 DIAMYLDITHIOCARBAMATE
CAS:15337-18-5
Minumum % Wt:0.
Maxumum % Wt:1.
Othe
r REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

Ingred Name:POLYETHYLENE (CAS # 9002-8-4 IS INVALID).
Minumum % Wt:2.
Maxumum % Wt:8.
Other REC Limits:NOT AVAILABLE
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

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

LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE OVEREXPOSURE

EFFECTS: NONE

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

Explanation of Carcinogenicity:NON CARCINOGENIC.

Effects of Overexposure:IRRITATED EYES AND SKIN.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYE: IF SPLASHED INTO THE EYES, FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF THE IRRITATION PERSISTS, CALL PHYS

ICIAN. SKIN: IN CASE OF CONTACT, REMOVE ANY CONTAMINATED CLOTH ING AND WASH THE SKIN THOROUGHLY WITH SOAP AND WATER.

INHALATION: INHALATION UNDER NORMAL CONDITIONS IS NOT A PROBLEM. IF OVERCOME BY VAPOR FROM HOT PRODUCT, REMOVE FROM EXPOSURE AND CALL A PHYSICIAN. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION; ADMINISTER OXYGEN, IF AVAILABLE. IF OVERCOME BY OIL MIST, REMOVE FROM EXPOSURE. INGESTION: IF INGESTED, DO NOT INDUCE VOMITING; CALL A P HYSICIAN IMMEDIATELY.

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===== 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 CONTAINERS COOL.

Fire Fighting Procedures:WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE. MINIMIZE BREATHING GASSES, VAPOR, FUMES OR DECOMPOSITION PRODU

CTS. USE SUPPLIED-AIR-BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES, OR AS OTHERWISE NEEDED. SELF-CONTAINED BREATHING EQUIPMENT AND CHEMICAL RESISTANT CLOTHING RECOMMENDED.

Unusual Fire/Explosion Hazard:PRESSURE WILL INCREASE IN OVER HEATED, CLOSED CONTAINERS.

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

Spill Release Procedures:RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT. KEEP PROD

UCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING.
ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS,
WATERCOURSES OR EXTENSIVE LAND AREAS. ASSURE CONFORMITY WITH
APPLICABLE GOVERNMENT REGULATIONS.

Neutralizing Agent:NOT RELEVANT

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

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

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

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

Respiratory Protection:NOT NORMALLY REQUIRED

Ventilation:NOT REQUIRED

Protective Gloves:USE CHEMICAL-RESISTANT GLOVES, IF NEEDED, TO AVOID
PROLONGED/REPEATED CONTACT.

Eye Protection:USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY
OCCUR.

Other Protective Equipment:USE IMPERVIOUS CLOTHING IF NEEDED, TO AVOID
CONTAMINATING REGULAR CLOTHING WHICH COULD RESULT IN PROLONGED OR
REPEATED SKIN CONTACT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:F6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:=-185.C, 365.F

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:5

Spec Gravity:0.98 @ 60 F

Viscosity:NOT PROVIDED

Evaporation Rate & Reference: