

SANDSTROM PRODUCTS COMPANY -- LC-300 DRY FILM LUBRICANT V762-675 -- 9150-00-834-5608
===== Product Identification =====

Product ID:LC-300 DRY FILM LUBRICANT V762-675
MSDS Date:08/28/1990
FSC:9150
NIIN:00-834-5608
MSDS Number: BJQGD
=== Responsible Party ===
Company Name:SANDSTROM PRODUCTS COMPANY
Address:224 SOUTH MAIN STREET
Box:547
City:PORT BYRON
State:IL
ZIP:61275-9501
Country:US
Info Phone Number:309-523-2121
Emergency Phone Num:309-523-2121
CAGE:34227

=== Contractor Identification ===
Company Name:SANDSTROM PRODUCTS COMPANY
Address:224 SOUTH MAIN STREET
Box:City:PORT BYRON
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===== Composition/Information on Ingredients =====

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 20-25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 20-25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 20-25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BISPHENOL A EPOXY RESIN

CAS:25036-25-3

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG MO/M3

ACGIH TLV:5 MG MO/M3

Ingred Name:ANTIMONY TRIOXIDE (SARA III)

CAS:1309-64-4

RTECS #:CC5650000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSH

A PEL:0.5 MG/M3 (SB)
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BASIC LEAD PHOSPHITE
CAS:12141-20-7
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:RULE IN PROCESS
ACGIH TLV:0.15 MG PB/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:LIQUID & VAPOR MAY BE IRRITATING TO

EYES AND SKIN. INHALATION MAY CAUSE RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION AND CARDIAC ARRHYTHMIA. INGESTION MAY DAMAGE THE LIVER AND/OR KIDNEYS AND CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:DICHLOROMETHANE (METHYLENE CHLORIDE) IS LISTED AS A CARCINOGEN BY NTP AND IARC.

Effects of Overexposure:EYE:MODERATE IRRITATION, BURNING. SKIN: IRRITATION, ABSORPTION, DEFATTING. INHALED: RESPIRATORY IRRITATION, SYMPTOMS OF INTOXICATION, HEADACHE, DIZZINESS, NAUSEA.

INGESTED: G/I IRRITATION PLUS THE SYMPTOMS OF LEAD POISONING: LOSS OF APETITE, METALLIC TASTE, ANXIETY, EXCESSIVE TIREDNESS, INSOMNIA, MUSCLE & JOINT PAIN, TREMORS.

Medical Cond Aggravated by Exposure: PREEXISTING SKIN, EYE & RESPIRATORY DISORDERS ALONG WITH IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYE: FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED: DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. (DOCTOR MAY ORDER VOMITING.) NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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

Flash Point Method: PMCC
Flash Point: =1

8.3C, 65.F

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE W/O HELMET, FACE SHIELD,BUNKER COAT, GLOVES,RUBBER BOOTS, AND POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARAT

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN CONTAINER RUPTURE.

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Accidenta
I Release Measures =====

Spill Release Procedures:LARGE SPILLS:EVACUATE UNPROTECTED PERSONNEL. STOP LEAK IF SAFE. DIKE AND CONTAIN. SUPPRESS VAPOR CLOUD WIT WATER FOG. CONTAIN ANY RUN-OFF. REMOVE WITH VACUUM TRUCKS. ADSORB WITH CLAY, OR OTHER INERT M ATERIAL. SMALL SPILLS: ABSORB WITH INERTM'T'L.

Neutralizing Agent:NONE GIVEN BY MANUFACTURER (SUPPLIER).

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Handling and Storage =====

Handling and Storage Precautions:KEEP LIQUI
D & VAPORS AWAY FROM

IGNITION SOURCE. VAPORS ARE HEAVIER THAN AIR;MAY TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM DISTANT IGNIT SRC

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM.

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Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR DUST. IF EXPOSURE EXCEEDS TLV, USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR/DUST CONCENTRATIONS

Protective Gloves:NOT SPECIFIED BY MANUFACTURER (SUPPLIER)

Eye Protection:GOGGLES IF CONTACT WITH EYES LIKELY

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, SHOULD BE AVAILABLE FOR USE IN EMERGENCY.

Work Hygienic Practices:DO NOT GET ON SKIN OR CLOTHING.

Supplemental Safety and Health
NONE

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Physical/Chemical Properties =====

HCC

:F2

Vapor Density:>1

Spec Gravity:1.12

pH:UNKNON

Evaporation Rate & Reference: