

SANDSTROM PRODUCTS COMPANY -- E199-G75, #099 WATERBORNE SOLID FILM LUBRICANT --
9150-01-416-9509

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

Product ID:E199-G75, #099 WATERBORNE SOLID FILM LUBRICANT

MSDS Date:07/24/1996

FSC:9150

NIIN:01-416-9509

MSDS Number: CDYKK

=== 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 Num:309-523-2121

Emergency Phone Num:309-523-2121/800-424-9300(CHEMTREC)

CAGE:34227

=== Contractor Identification ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

Box:City:PORT BYRON

State:IL

ZIP:61275

Country:US

Phone:309-523-2121

CAGE:34227

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

Ingred Name:ETHYLENE GLYCOL MONOPROPYL ETHER, (2-0PROPOXYETHANOL)

CAS:2807-30-9

RTECS #:KM2800000

Fraction by Wt: 5-10%

Other REC Limits:N

ONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MO/M3

ACGIH TLV:5 MG MO/M3

Ingred Name:ANTIMONY TRIOXIDE (SARA 313) (CERCLA)

CAS:1309-64-4

RTECS #:CC5650000

Fraction by Wt: 10-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG (SB)/M3

ACGIH TLV:0.5 MG (SB)/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER

CAS:25068-38-6

RTECS #:SL6475000

Other REC Limits:NONE

RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE:BASED ON COMPO#4 MODERATELY

IRRIT,EXPO MAY CAUSE CORNEAL INJURY.SKIN:BASED ON COMPO#1,4

MODERATELY IRRIT,PROL CONTACT MAY CAUASE DMG TO SKIN,ABSORPTION

THRU SKIN MAY RESULT IN SYMPTOMS OF EXPO AS INHAL/INGES

T,SKIN

SENSITIZATION.INHAL:IRRIT NOSE/THROAT/RESP TRACT/OTHER MUC

MEMB,BASED ON COMPO#1 HI CONCEN VAP(SUPPLE)

Explanation of Carcinogenicity:PER MSDS:NONE OF COMPONENTS OF PRODUCT

RECOGNIZED AS CARCINOGENIC.

Effects of Overexposure:EYE/SKIN/RESP/GI TRACT IRRIT.CENTRAL NERVOUS

SYSTEM DEPRESSION MAY BE EVIDENCED BY HEAD,DIZZ,NAU,SYMPTOMS OF

INTOXICATION;EXTREME CASES UNCONSC,DEATH MAY OCCUR.SKIN

SENSITIZATION RESULTS IN ALLERGIC D ERMATITIS WHICH MAY INCLUDE

RASH,ITCHIN

G,HIVES & SWELLING OF EXTREMITIES.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN/EYE/RESP

DISORDERS MAY BE AGGRAVATED BY EXPO TO PRODUCT.PRE-EXISTING SKIN/LUNG ALLERGIES MAY INCREASE CHANCE OF DEVELOPING ALLERGY SYMPTOMS FROM EXPO TO PRODUCT.

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

First Aid:EYE:IMMED LFUSH W/WATER FOR @LEAST 15MINS.SYMPTOMS PERSIST GET MED ATTN.SKIN:REMOVE CONTAMIN CLOTH/SHOES.WIPE EXCESS OFF.FLUSH W/WATER USING SOAP IF

AVAI.IRRIT OCCURS GET MED ATTN.INHAL:REMOVE TO FESH AIR.TREAT SYMPTOM.BREATH DIFFI PROVIDEOXY;NOT BREATH GIVE ART RESP.GET PROMPT MED ATTN.INGEST:DIL W/2 GLASSES OF WATER UNLESS UNCONSC/DROWSY.INDUCE VOMIT BY GIVING 2 TBL IPECAC/TOUCH BACK OF (SUPPL)

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

Flash Point Method:SCC

Flash Point:216F,102C +/-2

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NP

Upper Limits:NP

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

Fire Fighting Procedures:CLEAR FIRE AREA OF UNPROT PERSONNEL.DONT ENTER FIRE SPACE W/O HELMENT/FCSHIELD/BUNKER COAT/GLOVES/RUBB BOOTS/+PRESS NIOSH-APPROVED SCBA.

Unusual Fire/Explosion Hazard:COOL W/WATER CNTNR EXPO TO INTENSE FIRE HEAT-PREVENT VAP PRESSURE BUILDUP(COULD RESULT IN CNTNR RUPTURE).CNTNR AREA EXPO TO FLAME COOL W/LOTS OF WATER.

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

Spill Release Procedures:LG

:EVACUATE AREA OF UNPROT PEOPLE.WEAR APPROP RESP/PROT CLOTH.SHUTOFF LEAD SAFELY.DIKE/CONTAIN.VAP CLOUD FORMS SURPRESS W/WTER FOG.CONTAIN RUNOFF.REMOVE W/VAC TRUCKS/PUMP TO VESS.SOAK RESIDUE W/ABSORB ENT.PLACE IN CNTNR.FLUSH AREA W/WATER.SM:USE ABSOB

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT W/EYES.DONT GET ON SKIN/CLOTH.CNTNRS CAN CONTAIN HAZ PROD RESI

DUE EVEN WHEN EMPTY.WASH

BEF EAT/DRINK/SMOKE/USE TOILET FACILITIES.

Other Precautions:DRIED FILM OF PRODUCT MAY BECOME DUST NUISANCE WHEN REMOVED BY SANDING/GRINDING.

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

Respiratory Protection:AVOID PROLONGED/REPEATED BREATHING OF VAPORS/DUST.IF EXPO EXCEEDS TLV USE NIOSH-APPROVED RESP TO PREVENT OVEREXPO.

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

Protective Gloves:HMIS:RECO
MMENDED.

Eye Protection:WEAR GOGG.

Other Protective Equipment:EYEWASH FOUNTAINS & SAFETY SHOWERS AVAI FOR USE IN EMERGENCY.

Work Hygienic Practices:DONT REUSE CONTAM CLOTH TIL WELL DECONTAM.CONTAIN LEATHER ARTICLES CANT BE DECONTAM & SHOULD BE DISPO.

Supplemental Safety and Health

HEALTH:PRODUCE CNS DEPRESS.INGEST:BASED ON COMPO #3 MODERATELY TOXIC,BASED ON COMPO #1 IRRIT GI TRACT.OTHER EFFECTS/CHRONIC:CAUSE INJURY TO KIDNEYS/LIVER,DMG TO RED BLOOD CELLS,DMG TO LUNGS,DMG TO

SPL EEN. 1STAID:THROAT.KEEP HEAD BELOW HIPS-PREVENT ASPIRATION INTO LUNGS.SEE DR/HOSP/POIS CNTRL CNTR/EMERG FACI IMMED.

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

HCC:V6

Boiling Pt:B.P. Text:NP

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:>AIR

Spec Gravity:NP

pH:NP

Viscosity:NP

Evaporation Rate & Reference:0.00 BUTYL ACETATE=1

Solubility in Water:NP

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatile

s by Volume:75.16
Corrosion Rate:NP

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
AVOID OXIDIZING MATLS,STRONG ACIDS,STRONG ALKALIES.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON
MONOXIDE,UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING
COMBUSTION.

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

Waste Disposal Methods:CONTAINS
SARA SEC 313 TITLE III CHEMS.REFER TO
LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

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