

SANDSTROM PRODUCTS COMPANY -- E835-G75, #238 DFL-AEROSOL (MIL-L-23398D) --
9150-01-260-2534

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

Product ID:E835-G75, #238 DFL-AEROSOL (MIL-L-23398D)

MSDS Date:02/24/2000

FSC:9150

NIIN:01-260-2534

Status Code:A

MSDS Number: CKRZL

=== Responsible Party ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:218 HIGH STREET

City:PORT BYRON

State:IL

ZIP:61275-9501

Country:U

S

Info Phone Num:309-523-2121

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:E835-675

Chemtrec Ind/Phone:(800)424-9300

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:PROPYLENE GLYCOL METHYL ETHER ACETATE

CAS:108-65-6

Code:F

RTECS #:AI8925000

Ingred Name

:CYCLOHEXANONE
CAS:108-94-1
RTECS #:GW1050000
OSHA PEL:200 MG/M3;50 PPM
ACGIH TLV:100 MG/M3;25 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
Minumum % Wt:30.
Maxumum % Wt:35.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ANTIMONY TRIOXIDE
CAS:1309-64-4
RTECS #:CC5650000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3
EP
A Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000

Ingred Name:BISPHENOL A-BISPHENOL A DIGLYCIDYL ETHER COPOLYMER OR
BISPHENOL "A" EPOXY RESIN
CAS:25036-25-3

Ingred Name:1,3-DIOXOLANE
CAS:646-06-0
RTECS #:JH6760000

Ingred Name:DIMETHYL ETHER
CAS:115-10-6
RTECS #:PM4780000

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Reports of Carcinogenicity:NTP:YES

IARC:UNKNOWN OSHA:YES

Health Hazards Acute and Chronic:EYES: MODERATELY IRRITATING. MAY CAUSE CORNEAL INJURY. SKIN: MODERATELY IRRITATING TO SKIN. PROLONGED CONTACT MAY DAMAGE SKIN; MAY RESULT IN DEAFENING & DRYING, DERMATITIS. INHALATION: EXPOSURE MAY CAUSE IRRITATION OF NOSE, THROAT, RESPIRATORY TRACT. EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE CNS DEPRESSION, CARDIAC ARRHYTHMIAS. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED EXPOSURE WITH PERMANENT BRAIN & NERVOUS

SYSTEM DAMAGE. INGESTION: PRODUCT IS PRESUMED TO BE TOXIC; MAY CAUSE CNS DEPRESSION, IRRITATION OF GI TRACT.

Explanation of Carcinogenicity:ANTIMONY TRIOXIDE LISTED BY NTP AND OSHA AS A CARCINOGEN OR A POSSIBLE CARCINOGEN.

Effects of Overexposure:EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF INGREDIENTS 1 AND 3 AND 7 AND 8 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF

INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

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

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK PROMPT MEDICAL ATTENTION: SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES . WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. DO NOT REUSE CLOTHING UNTIL THOROUGHLY DECONTAMINATED. INHALATION: REMOVE VICTIM TO FRESH AIR AND TREAT SYMPTOMATICALLY. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION.

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

Flash Point Method:SCC
Flash Point:=-11.1C, 12.F
+/-2 DEGREES F

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

Fire Fighting Procedures:WARNING. FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unus

ual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHO ULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

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

Spill Release Procedures:LARGE SPILLS>>EVACUATE THE HAZARD AREA OF UNPROTECTED PERS
ONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FO RMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL.
Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling a
nd Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER POSSIBLE SOURCES OF IGNITION PRIOR TO USE AND UNTIL VAPORS ARE GONE. SURFACES THAT ARE S UFFICIENTLY HOT MAY IGNITE PRODUCT IN THE ABSENCE OF SPARKS OR FLAME. VAPORS MAY ACCUMULATE & TRAVEL
Other Precautions:CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHN EMPTY. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING
TOILET FACILITIES.

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

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS/DUST. IF EXPOSURE EXCEEDS TLV USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.
Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR/DUST CONCENTRATIONS.
Protective Gloves:DO NOT GET ON SKIN.
Eye Protection:GOGGLES.
Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN

AN EMERGENCY.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,
DRINKING, SMOKING, OR USING TOILET FACILITIES.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V3

Boiling Pt:B.P. Text:NE

Vapor Density:>1

VOC Grams/Liter:5.95

Evaporation Rate & Reference: