

print date : 02/10/20

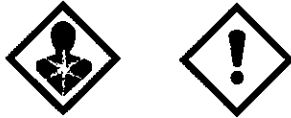
E199-G75 (page 1)

SECTION 1

manufacturer : SANDSTROM PRODUCTS COMPANY
address : 224 South Main Street
: Port Byron, IL 61275
: USA
telephone# : (309) 523-2121
emergency# : (800) 424-9300
: (703) 527-3887

mfg. code id : E199-G75 Revision level : 5-02/07/2020
trade name : #099 SOLID FILM LUBRICANT MIL-PRF-46010/SAE AS5272 TYPE III
Recommended use of chemical: SOLID FILM LUBRICANT
Restrictions on use: Do not use where there is a potential for contact with food.

SECTION 2 HAZARD IDENTIFICATION



HAZARD CLASSIFICATION:

WARNING!
EYE IRRITATION: CATEGORY 2A
ACUTE TOXICITY: CATEGORY 4 (DERMAL)
CARCINOGEN: CATEGORY 2

HAZARD & PRECAUTIONARY STATEMENTS:

FLAMMABILITY
NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE OR MIXTURE WITH FLAMMABILITY.

EYE CONTACT
H319: CAUSES SERIOUS EYE IRRITATION. P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECT ION. P264: WASH HANDS AND EXPOSED BODY PARTS THOROUGHLY AFTER HANDLING. P305,P351,P338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P337,P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.

SKIN CONTACT
H312: HARMFUL IN CONTACT WITH SKIN. P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECT ION. P302,P352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P312: CALL A POISON CENTER OR DOCTOR/ PHYSICIAN IF YOU FEEL UNWELL. P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE. P501: DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH LOCAL/ REGIONAL/ NATIONAL/ INTERNATIONAL REGULATIONS.

INHALATION
NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE OR MIXTURE FOR INHALATION.

INGESTION
NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE OR MIXTURE FOR INGESTION.

HAZARDS NOT CLASSIFIED

print date : 02/10/20

E199-G75 (page 2)

NO DATA AVAILABLE.

OTHER HEALTH EFFECTS

H351: SUSPECTED OF CAUSING CANCER. P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. P202: DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECT ION. P260: DO NOT BREATHE DUST/ FUME/ GAS/ MIST/ VAPORS/ SPRAY. P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ ATTENTION. P314: GET MEDICAL ADVICE/ ATTENTION IF YOU FEEL UNWELL. P405: STORE LOCKED UP. P501: DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH LOCAL/ REGIONAL/ NATION AL/ INTERNATIONAL REGULATIONS.

OTHER HAZARDS:

USE ONLY IN A WELL-VENTILATED AREA OR IN A HOOD WHERE NO FLAME OR OTHER IGNITION SOURCES ARE PRESENT.DO NOT USE PRODUCT IN FOOD-PROCESSING OR FOOD-HANDLING EQUIPMENT OR ON SURFACES THAT MAY CONTACT FOOD. DO NOT ALLOW PRODUCT TO CONTAMINATE FOODSTUFFS. DO NOT EAT,DRINK OR SMOKE WHEN USING PRODUCT. WASHHANDS THOROUGHLY AFTER HANDLING. DO NOT BREATHE VAPORS. WEAR SUITABLE EYE AND SKIN PROTECTION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM TEMPERATURE EXTREMES. IN CASE OF SPILL OR LEAK, REMOVE IGNITION SOURCES AND VENTILATE AREA.

SECTION 3

no.	component	CAS#	% by wt.	SARA	vapor pressure (mm Hg @ 20 C)	LEL (@ 25 C)
1	2-PROPOXYETHANOL	2807-30-9	5 - 10	YES	1.30	1.30
2	ANTIMONY TRIOXIDE	1309-64-4	10 - 15	YES	N/A	N/A

(N/A = not applicable)

SECTION 4 FIRST AID MEASURES

EYE CONTACT

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF ANY SYMPTOMS PERSIST.

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 THE VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION.

INGESTION

DILUTE WITH LIQUID UNLESS THE VICTIM IS UNCONSCIOUS OR VERY DROWSY. IF VOMITING SPONTANEOUSLY OCCURS, KEEP THE VICTIM'S HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. CONSULT A PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER AND/OR TRANSPORT TO AN EMERGENCY FACILITY IMMEDIATELY.

SECTION 5 FIRE FIGHTING MEASURES

flammability classification - OSHA : COMBUSTIBLE LIQUID - CLASS IIIB
 - DOT : NOT REGULATED

EXTINGUISHING MEDIA

USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS

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 SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION 6

ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

LARGE SPILLS >> EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE. SMALL SPILLS >> TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

SECTION 7

HANDLING AND STORAGE

FLAMMABILITY

NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE OR MIXTURE WITH FLAMMABILITY.

SECTION 8

EMPLOYEE PROTECTION

RESPIRATORY PROTECTION

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS/MIST. IF EXPOSURE EXCEEDS TLV USE A NIOSH-APPROVED POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR TO PREVENT OVER EXPOSURE.

PROTECTIVE CLOTHING

AVOID CONTACT WITH EYES. WEAR GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES. DO NOT GET ON SKIN OR ON CLOTHING.

ADDITIONAL PROTECTIVE MEASURES

USE VENTILATION AS REQUIRED TO CONTROL VAPOR/DUST CONCENTRATIONS. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

SECTION 9

PHYSICAL PROPERTIES

% volatile by volume	: 72.02 +/- 2%	weight per gallon	: 11.44 +/- .2
% volatile by weight	: 51.75 +/- 2%	VOC as supplied is	.6653 pounds per gallon.

PHYSICAL STATE	: LIQUID	FLAMMABILITY (SOLID, GAS: NOT AVAILABLE	
COLOR	: (G) Gray	FLAMMABILITY/EXPLOSIVE LIMITS: NOT AVAILABLE	
ODOR	: MILD SOLVENT	VAPOR PRESSURE	: NOT AVAILABLE
ODOR THRESHOLD	: NOT AVAILABLE	VAPOR DENSITY	: NOT AVAILABLE
pH	: N/A	RELATIVE DENSITY	: 1.3001
MELTING/FREEZING POINT:	NOT AVAILABLE	SOLUBILITY	: NOT AVAILABLE
INITIAL BOILING POINT	: NOT AVAILABLE	PARTITION COEFFICIENT	: NOT RELEVANT
BOILING RANGE	: NOT AVAILABLE	AUTO-IGNITION TEMPERATURE:	NOT AVAILABLE
EVAPORATION RANGE	: NOT AVAILABLE	DECOMPOSITION TEMPERATURE	: NOT AVAILABLE
		VISCOSITY (AT 77F)	: 55-70 KU,STORMER

flash point : 216 +/-2 degrees F. SETAFLASH

SECTION 10

STABILITY AND REACTIVITY

STABILITY : STABLE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID

BASED ON THE PRESENCE OF COMPONENT 1 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENT 2 AVOID STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION 11 TOXICOLOGICAL INFORMATION

no.	(OSHA) PEL/TWA	PEL/CEILING	PEL/STEL	skin
1	N/E	N/E	N/E	N/E
2	.5mg/m3	N/E	N/E	N/E

no.	(ACGIH) TLV/TWA	TLV/CEILING	TLV/STEL	skin
1	N/E	N/E	N/E	N/E
2	.5mg/m3	N/E	N/E	N/E

>> The dried film of this product may become a dust nuisance when removed by sanding or grinding. OSHA recommends a PEL/TWA of 15 mg/m3 for total dust and 5 mg/m3 for the respirable fraction. ACGIH recommends a TLV/TWA of 10 mg/m3 for total dust.

>> (SKIN) absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact. (N/E = not established)

>> Component number 2 is listed by NTP andHA as a carcinogen or a possible carcinogen.** Refer to appropriate reference sources for additional information concerning carcinogens.

SECTION 12 ECOLOGICAL INFORMATION

CAS#	Component	Harmful to Aquatic Life	Not Harmful to Aquatic Life	May be Harmful to Aquatic
002807-30-9	2-PROPOXYETHANOL	: N	: Y	: N
001309-64-4	ANTIMONY TRIOXIDE	: Y	: N	: Y

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

WASTE CHARACTERIZATIONS AND COMPLIANCE WITH APPLICABLE LAWS ARE THE SOLE RESPONSIBILITY OF THE END USER. ALL DISPOSAL PRACTICES USED FOR THIS PRODUCT AND ITS CONTAINER(S) MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. THE INFORMATION PRESENTED IN THIS SDS PERTAINS ONLY TO THE PRODUCT AS SHIPPED.

SECTION 14 TRANSPORTATION INFORMATION

Land Transport

USDOT

Proper shipping name: PAINT, NOI
 NOS Components :
 Hazard class:
 ID-number:
 Packing group:
 Aquatic Toxicity: YES

print date : 02/10/20

E199-G75 (page 6)

Sea Transport

IMDG

Proper shipping name: ENVIRONMENTALLY HAZ SUBSTANCE NOS
 NOS Components : ANTIMONY TRIOXIDE
 Hazard class: 9
 ID-number: UN3082
 Packing group: III
 Aquatic Toxicity: YES

Air Transport

IATA/ICAO

Proper shipping name: ENVIRONMENTALLY HAZ SUBSTANCE NOS
 NOS Components : ANTIMONY TRIOXIDE
 Hazard class: 9
 ID-number: UN3082
 Packing group: III
 Aquatic Toxicity: YES

SECTION 15

REGULATORY INFORMATION

CAS#	Component				
002807-30-9	2-PROPOXYETHANOL				
US TSCA Inventory	: YES	Canada Domestic Substance List	: YES	EC	: YES
Philippines	: YES	Japan	: YES	Korea	: YES
China	: YES	Australia	: YES		
001309-64-4	ANTIMONY TRIOXIDE				
US TSCA Inventory	: YES	Canada Domestic Substance List	: YES	EC	: YES
Philippines	: YES	Japan	: YES	Korea	: YES
China	: YES	Australia	: YES		

SECTION 15

REGULATORY INFORMATION CONTINUED



WARNING This product can expose you to chemicals including ARSENIC , which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

no.	component	CAS#	SARA
1	2-PROPOXYETHANOL	2807-30-9	YES
2	ANTIMONY TRIOXIDE	1309-64-4	YES

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the Section 313 List (40 CFR Part 372.65) are identified under the heading 'SARA 313'.

SECTION 16

OTHER INFORMATION

- H M I S -

HEALTH	: 2*
FLAMMABILITY	: 1
REACTIVITY	: 0
PERSONAL PROTECT.:	X

(X = ask your supervisor for specialized handling directions)

CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, WE MAKE NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WE ASSUME NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.