

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 PRODUCT IDENTIFICATION

### FRANLUBE ANTI-SIEZE

(LUBG 6 & LUBG 12)

#### HMIS RATING (USA)

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION <b>B</b>	

#### WHMIS RATING (CANADA)

CLASS B: Combustible Liquid

CLASS D-2B: Material causing other toxic effects.

CEPA DSL: Listed on inventory

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

## SECTION II INGREDIENTS

INGREDIENT	%	CAS #	ACGIH TLV mg/m <sup>3</sup>	OSHA PEL mg/m <sup>3</sup>
MINERAL OIL	60-70	64742-52-5	5 (MIST)	5 (MIST)
CHLORINATED MINERAL OIL	1-10	63449-39-8		
BENZENESULFONIC ACID, DODECYL-, SODIUM SALT	1-10	25155-30-0		
PETROLATUM	1-10	8009-03-8		
SILICA	1-10	112945-52-5	20 (M <sub>PP</sub> CF)	

THE INGREDIENTS CONTAINED IN THIS PRODUCT AND THE FINAL PRODUCT ITSELF WERE MANUFACTURED WITHOUT THE USE OF OZONE DEPLETING CHEMICALS

## SECTION III PHYSICAL DATA

BOILING POINT	N/A
PH	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.90-0.95
VAPOR PRESSURE	N/A
VAPOR DENSITY (AIR = 1)	N/A
SOLUBILITY IN WATER BY WEIGHT	INSOLUBLE
EVAPORATION RATE (BuAc = 1)	N/A
APPEARANCE	AMBER GEL
ODOR	PETROLEUM

## SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	>350°F (COC)
FLAMMABLE LIMITS AIR % BY VOLUME	LOWER: UNK UPPER: UNK
EXTINGUISHING MEDIA	FOAM, DRY CHEMICALS, CO <sub>2</sub>
SPECIAL FIRE FIGHTING PROCEDURES	NIOSH APPROVED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARD	NONE

## SECTION V REACTIVITY DATA

STABILITY	STABLE
CONDITIONS TO AVOID	AVOID HEAT, OPEN FLAMES, OXIDIZING MATERIALS & MIST FORMATION
INCOMPATIBILITY	NONE
HAZARDOUS DECOMPOSITION	CARBON MONOXIDE DURING COMBUSTION
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR

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## FRANLUBE ANTI-SEIZE LUBE

### SECTION VI HEALTH HAZARD INFORMATION

**ROUTES OF EXPOSURE:** INHALATION, DERMAL, EYE, INGESTION

#### EFFECTS OF OVEREXPOSURE

**ACUTE:** EYE IRRITATION DUE TO PH. SKIN IRRITATION: ABRADED OR CUT SKIN MAY INCREASE IRRITATION. DUST FROM DRIED PRODUCT MAY INCREASE PRESENT RESPIRATORY PROBLEMS. (EXAMPLE: BRONCHITIS, ASTHMA).

**CHRONIC TOXICITY:** CONTAINS FUMED SILICA WHICH CAUSES SILICOSIS. EXCESSIVE INHALATION OF DUST MAY CAUSE PNEUMONITIS, CYANOSIS AND PULMONARY EDEMA. LONG-TERM INHALATION CAUSES LUNG DAMAGE.

#### EMERGENCY AND FIRST AID PROCEDURES

**EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES; REFER TO MEDICAL PERSONNEL.

**SKIN:** WASH WITH SOAP AND WATER; WASH CONTAMINATED CLOTHING BEFORE REUSE.

**INHALATION:** REMOVE TO FRESH AIR; PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

**INGESTION:** DO NOT INDUCE VOMITING. GET MEDICAL ADVICE IMMEDIATELY.

**NOTES TO PHYSICIAN:** IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS.

### SECTION VII SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** SMALL SPILLS SHOULD BE ABSORBED WITH ABSORBENT MATERIAL. LARGE SPILLS SHOULD HAVE AREA DICED TO PREVENT SPREADING; PUMP LIQUID INTO A SALVAGE TANK AND ABSORB REMAINING MATERIAL; SHOVEL INTO CONTAINER. MAY BURN ALTHOUGH NOT READILY IGNITIBLE.

**NEUTRALIZING CHEMICALS:** NONE

**WASTE DISPOSAL METHOD:** DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

### SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: GENERAL

#### SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

EYES	SAFETY GOGGLES
GLOVES	CHEMICAL RESISTANT
OTHER CLOTHING AND EQUIPMENT	AS REQUIRED TO MINIMIZE SKIN CONTACT

### SECTION IX TRANSPORTATION DATA

DOT SHIPPING NAME: NOT REGULATED	HAZARDOUS INGREDIENT(S): NONE
DOT HAZARD CLASS: NOT REGULATED	UN NUMBER: NONE

### SECTION X SPECIAL PRECAUTION

**STORAGE:** STORE UNDER CONTROLLED TEMPERATURES - RANGE 60°F TO 120°F

**HANDLING:** MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CAN NOT BE DECONTAMINATED.

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

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