



A Division of Southwest Lubricants  
9266 Abraham Way San Jose, CA 92071

DAY: (619) 449-5000  
EMERGENCY 24 HOURS  
CHEMTREC: 800-424-9300



# MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA-20) (Complies with 29CFR 1910.1200)

## SECTION 1

TRADE NAME: Chain Case Lubricant

DATE 7/11

CODE NUMBER: 45912/45505

SUPERCEDES

CHEMICAL FAMILY: Petroleum

C.A.S. NO. Mixture

Carcinogenic ingredients/OSHA/NPT/IARC: NONE

TCSA INFORMATION: Components of this product are listed.

## SECTION II-HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL	
		PPM	mg/m <sup>3</sup>
NON-HAZARDOUS			

## SECTION III-FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION CARBON MONOXIDE & ASPHYXIANTS	FLAMMABLE LIMITS: LEL-UEL N/A
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical,	FLASHPOINT: ASTM D92 >200°C (392°F) DOT INFORMATION: OIL, N.O.S.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Slightly combustible. When heated above flash point will release flammable vapors which can burn in the open or explode confined if ignited.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter any enclosed or confined area without proper protective equipment & self contained breathing apparatus.

## SECTION IV-PHYSICAL DATA

BOILING RANGE: <300°C		SOLUBILITY: Neg.		PH: N/D	
VAPOR PRESSURE: <0.01mmHg @ 20°C		APPEARANCE AND ODOR: Oily liquid, petroleum odor			
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOL. BY VOL.	
Heavier THAN AIR	Less THAN ETHER	0.89	7.45	nil	

## SECTION V-REACTIVITY DATA

INCOMPATIBILITY  
<MATERIAL TO AVOID>: Strong oxidizers

STABILITY: Stable  
CONDITION TO AVOID: Do not heat above flash point

HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide & asphyxiants

HAZARDOUS POLYMERIZATION  
NONE  
Occupational exposure limit:  
TLV = 5mg/m<sup>3</sup> as oil mist.

Pin 45912  
45916

## SECTION VII-HEALTH HAZARD DATA

ROUTE OF EXPOSURE	ADVERSE AFFECTS		FIRST AID PROCEDURES	NFPA
	ING	Not normally expected to cause any ill effects except in very sensitive individuals.	Do not induce vomiting. Consult a physician.	
	INH	No significant adverse health effects are expected to occur on short time exposure.	Remove from contaminated area. Apply artificial respiration. If unconscious consult a physician.	
	EYES	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
	SKIN	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CHRONIC	Prolonged or repeated contact may produce mild irritation. Personnel with Skin disorders should avoid contact.	Wear protective clothing to avoid skin contact. Consult physician if irritation should develop.	

## &lt;DOT&gt; SECTION VII-SPILL OR LEAK PROCEDURES &lt;EPA&gt;

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Stop flow. Wipe or mop up or absorb with inert material. Store in appropriate container for disposal.

**WASTE DISPOSAL METHOD:** In accordance with local, state & federal regulations.

**TRANSPORTATION INFORMATION:** Consult 46CFR Parts 1-300 and refer to section III of this MSDS for additional information.

## SECTION VIII-SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None normally required.

**PROTECTIVE GLOVES:** Recommended.

**OTHER PROTECTIVE EQUIPMENT:** Eye protection recommended.

**VENTILATION:** Sufficient to maintain atmosphere below TLV limit.

## SECTION IX-SPECIAL PRECAUTIONS

**PRECAUTION TO BE TAKEN WHEN HANDLING OR STORING:** Avoid storage near open flame. Avoid spills as floor becomes very slippery.

**PERSONAL HYGIENE:** Wash with soap & water.

**OTHER PRECAUTIONS:** Wash or shower if general contact occurs. Remove oil-soaked clothing & launder before reuse.

**APPROVED BY:** Danny Massie, Director

**DATE:** 7/1/04

PERSONAL PROTECTION (NFPA)

HEALTH

REACTIVITY