

MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA-201 - Complies with 29CFR 1910.1200)



A Division of Southwest Lubricants
8208 Abraham Way Santa, CA 92071

(919) 440-8800
EMERGENCY 24 HOURS
CHEMTREC: 800-424-8800



SECTION 1

TRADE NAME: Fork Oil, 5-20 WTS. 56916 55916 DATE 08-04-9

CODE NUMBER: 54916/54901/53505/5/55916/55901/53505/10 SUPERCEDES

CHEMICAL FAMILY: Petroleum 56916/56901/53505/15/57917/57901

C.A.S. NO. Mixture 53505/20

Carcinogenic Ingredients/OSHA/NPT/IARC: None

TCSA INFORMATION: Components of this product are listed.

SECTION 2 HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL PPM	mg/m3	% BY WEIGHT VOLUME
Refined Petroleum Oils and/or	64742650		5*	
Refined Petroleum Oils and/or	64741884		5*	97
Refined Petroleum Oils and/or	64742627		5*	
Zinc dialkyldithiophosphate	68649423	none established		1-2.9
* as a mist				

SECTION 3 FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION Carbon monoxide & asphyxiants	FLAMMABLE LIMITS: LEL-UEL N/A
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog.	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.

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

SECTION 4 PHYSICAL DATA

BOILING RANGE: >300°C		SOLUBILITY: NEG.		PH: N/D	
VAPOR PRESSURE: <0.01mm Hg @ 20°C		APPEARANCE AND ODOR: oily liquid, petroleum odor			
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME	
Heavier THAN AIR	Less THAN ETHER	0.90	7.5	nil	

SECTION 5 REACTIVE DATA

INCOMPATIBILITY <MATERIAL TO AVOID>: Strong oxidizing agents	
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 ³ as oil mist

SECTION VI-HEALTH HAZARD DATA

56916
55916

A Division of Southwest Lubricants

Forklift, 54916/54901/53505-5/55916/55901/53505-10
PRODUCT 56916/56901/53505-15/58917/57901/53505-20

ROUTE OF EXPOSURE	ADVERSE EFFECTS	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.
	ECYON	Not normally expected to cause any ill effects.	Flush with copious amounts of water.
	ASC CKOIN TNE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.
CSC HKO RIN ON NIC	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.	

SECTION VII-SPILL OR LEAK PROCEDURES REPAIR

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.

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: *[Signature]*

DATE:

PERSONAL PROTECTION (PPM)

HEALTH

REACTIVITY



FIRE

MATERIAL SAFETY DATA SHEET

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

57916



Division of Southwest Lubricants
600 Abraham Way San Jose, CA 92071

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

HEALTH  REACTIVITY
PERSONAL PROTECTION (NFPA)

SECTION I

DATE 1-1-02

TRADE NAME: Fork Oil, 5-20 WTS.

SUPERCEDES

CODE NUMBER: 54916/54901/53505/5/55916/55901/53505/10

CHEMICAL FAMILY: Petroleum 56916/56901/53505/15/57916/57901

53505/20

C.A.S. NO. Mixture

Carcinogenic Ingredients/OSHA/NPT/IARC: None

TCSA INFORMATION: Components of this product are listed.

SECTION II HAZARDOUS INGREDIENTS

SECTION II - HAZARDOUS INGREDIENTS				
COMPONENTS	C.A.S. NOS.	TLV/PEL		% BY WEIGHT VOLUME
		PPM	mg/m3	
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Zinc dialkyldithiophosphate	68649423	none established		1-2.9
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	DOT INFORMATION: Oil, N.O.S.

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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: <0.01mm Hg @ 20°C		APPEARANCE AND ODOR: oily liquid petroleum odor			
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME	
Heavier THAN AIR	Less THAN ETHER	0.90	7.5	nil	

SECTION V REACTIVITY DATA

INCOMPATIBILITY <MATERIAL TO AVOID>: Strong oxidizing agents	
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 ³ as oil mist

SECTION VI-HEALTH HAZARD DATA

ROUTE OF EXPOSURE	ADVERSE EFFECTS		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.	
	EYEN	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
	ASCKOINTE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CSC H KRONIC	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.	

<ROOT> SECTION VII-SPILL OR LEAK PROCEDURES <EPA>

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 & laundry before reuse.

APPROVED BY: *[Signature]*

R. REED

DATE: 1-1-02

A Division of Southwest Lubricants

PRODUCT 56916/56901/53505-15/57916/57901/53505-20

PERSONAL PROTECTION (NFPA)

HEALTH



REACTIVITY

JUL 29 2004 11:21AM

SECTION VI-HEALTH HAZARD DATA

*Keep old data sheet

ADVERSE AFFECTS

FIRST AID PROCEDURES

NFPA

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ING	Not normally expected to cause any ill effects except in very sensitive individuals.	Do not induce vomitting. 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.	
ECYON	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
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CSC HK ORIN ON NIC	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.	

57916-20

A Division of Southwest Lubricants

Fork Oil, 54916/54901/53505-5/55916/55901/53505-10
PRODUCT 56916/56901/53505-15/58917/57901/53505-20

54916-5
55916-10
56916-15

<DOT> SECTION VII-SPILL OR LEAK PROCEDURES <EPA>

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PERSONAL HYGIENE: Wash with soap & water.

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

APPROVED BY: *[Signature]*
REED

DATE: 08-04-94

PERSONAL PROTECTION (NFPA)

HEALTH



REACTIVITY

FIRE

SECTION VI-HEALTH HAZARD DATA

NO. 3890

CP. 1/1

Sheet

ADVERSE
AFFECTSFIRST AID
PROCEDURES

NFPA

R T E O F E X P O S U R E	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.	
	ECYON	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
	ASC KIN TNE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CSC HKO RIN ON IC	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.	

<DOT> SECTION VII-SPILL OR LEAK PROCEDURES <EPA>

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PERSONAL HYGIENE: Wash with soap & water.

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

APPROVED BY: *R. Reed*
R. REED

DATE:

08-04-94

AMWAY
A Division of Southwest Lubricants

57916-20

Fork Oil, 54916/54901/53505-5/55916/55901/53505-10
PRODUCT 56916/56901/53505-15/58917/57901/53505-20

54916-5
55916-10
56916-15

HEALTH
FIRE
REACTIVITY
PERSONAL PROTECTION (NFPA)



MATERIAL SAFETY DATA SHEET

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:

DO NOT STORE ABOVE 120°F.

INCOMPATIBILITY (MATERIALS TO AVOID):

STRONG OXIDIZING AGENTS, STRONG ACIDS AND BASES, SELECTED AMINES

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

MAY EMIT FUMES WHEN HEATED TO DECOMPOSITION MAY EMIT CARBON MONOXIDE, CARBON DIOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE NOSE AND THROAT IRRITATION MAY CAUSE SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, LASSITUDE, LOSS OF COORDINATION, CONFUSION, UNCONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE IRRITATION OR BURNING OF THE EYES. REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN IRRITATION WITH DISCOMFORT AND DERMATITIS. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, ETC. ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SEE INHALATION ORGANIC SOLVENTS ARE EASILY ABSORBED. DRY SKIN, REDNESS, OR DERMATITIS DUE TO THE DEPARTING ACTION OF SOLVENTS ARE SIGNS OF EXPOSURE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SEE INHALATION. MAY ALSO RESULT IN GASTRO-INTESTINAL DISTRESS. THERE IS A DANGER OF PETROLEUM DISTILLATES ENTERING THE LUNG IF SWALLOWED OR VOMITED AND CAUSING INFLAMMATION, DAMAGE OR EVEN DEATH.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENT WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. LABORATORY STUDIES WITH RATS HAVE SHOWN THAT PETROLEUM DISTILLATES CAUSE KIDNEY DAMAGE AND KIDNEY OR LIVER TUMORS. THESE EFFECTS WERE NOT SEEN IN SIMILAR STUDIES WITH GUINEA PIGS, DOGS OR MONKEYS. SEVERAL STUDIES EVALUATING PETROLEUM WORKERS HAVE NOT SHOWN A SIGNIFICANT INCREASE OF KIDNEY DAMAGE OR AN INCREASE IN KIDNEY OR LIVER TUMORS.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO

OSHA REGULATED? NO

TOLUENE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE TOXICITY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. CALL DOCTOR

EYE: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN

SKIN: IN CASE OF SKIN CONTACT, WASH SKIN WITH SOAP AND WATER IF IRRITATION OCCURS, CONTACT A PHYSICIAN

INGESTION: FOR INGESTION, CALL PHYSICIAN IMMEDIATELY. HAVE NAMES OF HAZARDOUS INGREDIENTS READY. DO NOT INDUCE VOMITING. KEEP HEAD LOWER THAN WAIST. ASPIRATION OF VOMITUS MAY RESULT IN CHEMICAL PNEUMONITIS AND/OR PULMONARY EDEMA.

Pursuant to Prop. 65: Prop 65 applies to a list of chemicals named by the Governor of California as carcinogens or reproductive toxins. Warning requirements for specific chemicals take effect one year after they are added to the Governor's list. Other chemicals already added to the Governor's list will be regulated later under Prop. 65.

