

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

H HEALTH	1
F FLAMMABILITY	0
	0
PERSONAL PROTECTION	B

SECTION I

MANUFACTURER'S NAME Comet Supply, Inc.	EMERGENCY TELEPHONE NO. (309) 444-2732	PERSONAL PROTECTION B
ADDRESS (Number, Street, City, State, and ZIP Code) 105 W. Jefferson, Washington, IL 61571		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Saturn AW 32-150	
CHEMICAL FAMILY Petroleum based lubricant	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

Contains less than 2% of an additive, a portion of which is comprised of zinc dialkyldithiophosphates.*

*--It has been brought to our attention the the Ethyl Corporation has reported to the U.S. Environmental Protection Agency that in preliminary tests, certain zinc dialkyldithiophosphates, when applied to the skin of male rabbits over a period of time, adversely affected spermatogenic activity. (8/14/80)

12/22/80
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SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	above 600°F	SPECIFIC GRAVITY (H ₂ O=1)	.87-.89
VAPOR PRESSURE (mm Hg.)	na	PERCENT VOLATILE BY VOLUME (%)	negligible
VAPOR DENSITY (AIR=1)	na	EVAPORATION RATE N-Butyl Acetate	<.01
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR	petroleum oil lubricant		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	400 °F C.O.C.	FLAMMABLE LIMITS -	LFL	UFL
EXTINGUISHING MEDIA	CO ₂ , dry chemical, chemical foam or fine water spray.			
SPECIAL FIRE FIGHTING PROCEDURES	Avoid flooding with water			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Treat as ordinary petroleum oil fire.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Observe current ACGIH TLV levels of $5\text{mg}/\text{m}^3$ for oil mists.

EFFECTS OF OVEREXPOSURE

May cause eye irritation or eye injury.

Repeated or prolonged skin contact may cause rash

EMERGENCY AND FIRST AID PROCEDURES

Eyes-Flush with water for at least 15 minutes. See a doctor if irritation persists.

Ingestion-Induce vomiting if conscious, call doctor, may be toxic due to additives.

Breathing-Expose to fresh air if irritation is caused by breathing mist.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and small amounts of oxides of phosphorus and sulfur and hydrogen sulfide.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free liquid. Absorb or squeegee remainder.

WASTE DISPOSAL METHOD

Observe local, state and federal regulations in disposing of lubricant.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not required unless product is misted.

VENTILATION

LOCAL EXHAUST

Required only for mists.

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Should be used.

EYE PROTECTION

Should be used if splashing is possible.

OTHER PROTECTIVE EQUIPMENT

Apron is required.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool dry area away from heat and open flame.

OTHER PRECAUTIONS

Avoid breathing oil mist or hot fumes if present. Remove any contaminated clothing and wash thoroughly after exposure to oil.