



MSDS

Material Safety Data Sheet

Product: Rietschle Series Vacuum Pump Oil "Super-Lube 100 P"

Section I

DISTRIBUTOR: Rietschle Thomas Hanover, Inc.
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Hanover, MD 21076 USA

TELEPHONE: 800-247-9156
410-712-4100

MANUFACTURER: Tribology / Tech-Lube

CHEM TREC: 800-424-9300
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REVISION DATE: 1-Jan-01

PREPARED BY:

<u>CAS #</u>	<u>Component Name</u>	<u>Concentration</u>
68037-01-4	Polyalphaolefin	< 90 %
118685-24-8	Polyolester	> 10 %
90-30-2	Phenyl-alpha-naphthylamine	< 3 %
68442-68-2	Styrenated diphenylamine	< 3 %

Section IA: Hazardous Ingredients

NJ Identification # : Ingredients are considered non-hazardous per 29 CFR 1900.1200
SARA 313 Listed Chemicals: None
Permissible Concentrations: None established

Section II: Chemical and Physical Properties

SOLUBILITY IN WATER (@ 20 C):	insoluble	POUR POINT, DEG F	-55
PERCENT SOLUBILITY WATER	negligible	FLASH POINT, (COC, DEG F)	> 400
VAPOR PRESSURE (mmHg @ 20 C):	<0.1	SPECIFIC GRAVITY (water = 1):	0.86
RELATIVE EVAPORATION RATE	negligible	PERCENT VOLATILE (by weight):	none

APPEARANCE AND ODOR: Amber liquid, mild petroleum odor

Section II: Health Hazard Data

ROUTE	EFFECT OF EXPOSURE	EMERGENCY FIRST AID PROCEDURE
EYES:	None expected	Check for and remove contact lenses. Flush with cool clean low-pressure water while occasionally
SKIN:	Prolonged or repeated contact. May cause mild irritation.	Wash with soap and water. If high pressure, get immediate medical attention.
INHALATION:	Mist may cause irritation	Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. Seek medical attention immediately.
INGESTION:	None expected	Do not induce vomiting or give anything to drink unless directed by a physician. Seek medical attention immediately.

Section III: Special Protection Information

RESPIRATION PROTECTION:	None normally needed.
VENTILATION TYPE:	General adequate. Use local mechanical to insure TLV's not surpassed where applicable.
SKIN PROTECTION:	Chemically resistant gloves desirable
EYE PROTECTION:	Goggles or faceshield desirable
OTHER PROTECTIVE MEASURES:	None normally needed
SPECIAL FIRE FIGHTING PROCEDURES:	Avoid breathing vapors. Use breathing apparatus in confined areas. Cool exposed containers with waterspray.
HAZARDOUS THERMAL DECOMPOSITION PRODUCT:	Carbon monoxide, fumes, smoke, sulphur oxides, aldehydes, and other decomposition compounds.

Section IV: Reactivity Data

Stability:	Stable
Incompatibility:	Avoid strong oxidants
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Thermal decomposition will result in the release of carbon monoxide, fumes, smoke, sulfur oxides, aldehydes and other products.

Section V: Precautions for Safe Handling

STEPS TO TAKE IN CASE OF SPILL:	Contain spill in diked area and clean to prevent product from entering drains and streams.
WASTE DISPOSAL METHOD:	Dispose of at appropriate waste facility in accordance with regulations.
PRECAUTIONS IN STORAGE:	Keep containers closed when not in use. Do not handle near heat, flames or sparks. Do not weld or heat empty containers.

Section VI: Fire and Explosion Hazard Data

Extinguishing Media:	Extinguish with dry chemical, CO ₂ , or a universal type foam
Fire and Explosion Hazard:	This material is not considered a potential fire and hazard explosion under normal operating conditions.
Fire Fighting Procedures:	Wear appropriate protective equipment including respiratory protection as conditions warrant. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

Section VII: Other Regulatory Data

SARA:	Not listed
TSCA:	All products are listed with TSCA
RCRA:	Not regulated
Proposition 65:	None identified
Carcinogenicity:	Not listed with NTP or LARC
HMIS:	H:1 F:1 R:1
CERCLA:	Not regulated

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