



Agilent Technologies

IMPORTANT AMENDMENT TO MATERIAL SAFETY DATA SHEETS

The assets of Varian, Inc. were purchased by Agilent Technologies on May 14, 2010. Effective with that transition, Varian, Inc. Material Safety Data Sheets (MSDS) are hereby amended as follows:

- Where Manufacturer's Name states Varian, Inc., change to Agilent Technologies

These changes also apply to any other representations of the manufacturer's name for products manufactured by Varian, Inc.

All other information on Material Safety Data Sheets (MSDS) is unchanged.

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VARIAN

Varian Oil, GP Type Mechanical Pump Fluid

(Inland Vacuum Industries, Inc. – Varian Oil, GP Type Mechanical Pump Oil)

MATERIAL SAFETY DATA SHEET

VARIAN P/N K7516-301 – 1 Liter
VARIAN P/N K7516-302 – 1 Gal.
VARIAN P/N K7516-303 – 5 Gal.

DISTRIBUTED BY:

**VARIAN INC.
121 HARTWELL AVENUE
LEXINGTON, MA 02421-3133**

www.varianinc.com/vacuum

TO ORDER CALL: 1-800-8 VARIAN (1-800-882-7426)

or

ORDER ONLINE AT: www.evarian.com

Varian GP

Material Safety Data Sheet

Revision Date December 2008

1. Substance/Company Identification

PRODUCT NAME: **Varian GP**
CHEMICAL NAME: Petroleum Lubricating Oil
CHEMICAL FAMILY: Petroleum Hydrocarbon
COMPANY: Inland Vacuum Industries
35 Howard Ave
Churchville NY 14428
(585) 293-3330

For Chemical Emergency Call Chemtrec 800-424-9300

2. Composition/ Ingredients

CAS NUMBER: 64742-65-0
PRODUCT COMPONENTS: Severely Hydro treated Paraffinic Hydrocarbons
HAZARDOUS INGREDIENTS: None

3. Hazards Identification

EMERGENCY OVERVIEW: Oil mist, if generated. US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

Potential Health Effects:

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Inhalation of oil mist or vapors at elevated temperature may cause respiratory irritation.

Eye Contact: Expected to be minor eye irritant

Skin Contact: Repeated or prolonged skin contact may cause dermatitis and defatting.

Ingestion: Not expected to be acutely toxic.

Chronic: None known.

HMIS Hazard Ratings:

HEALTH : 1

FLAMMABILITY: 1

REACTIVITY : 0

Key: 4-Severe 3-Serious 2-Moderate 1-Slight 0-Minimal

4. First Aid Measures

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists seek medical attention.

INGESTION: If swallowed, DO NOT induce vomiting.

5. Fire Fighting Measures

FLASH POINT: >213 C

METHOD USED: Cleveland Open Cup

Flammable Limits: not established Autoignition Temp: No data available

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide (CO₂), foam

FIRE FIGHTING INSTRUCTIONS: Avoid breathing smoke and vapor

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus

and

protective clothing. Use water spray to keep fire-exposed containers cool.

HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms

carbondioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. Accidental Release Measures

absorbent

PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE: Remove sources of ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with pads. Large spills may be taken up with pump or vacuum.

7. Handling and Storage

GENERAL: Keep container closed. Store in a cool, well ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.
STORAGE TEMPERATURE: Ambient
STORAGE PRESSURE: Atmospheric

8. Exposure Controls/Personal Protection

EXPOSURE LIMITS: Oil mist if generated: TLV (ACGIH) 5mg/m³-8hr TWA, STEL (ACGIH) 10mg/m³, PEL (OSHA) 5 mg/m³-8hr TWA
VENTILATION: Good ventilation at source of vapor
PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.

9. Physical & Chemical Properties

PHYSICAL STATE: Liquid
VAPOR PRESSURE: < .0001 Torr @ 25C
BOILING POINT: >200 C
EVAPORATION RATE (n-Bu Acetate = 1): Nil
VAPOR DENSITY: approximately 14
VOC: NA
SPECIFIC GRAVITY: 0.87
VISCOSITY: 54 cst @ 40 C
SOLUBILITY IN WATER: Nil
APPEARANCE: Pale yellow viscous liquid with a faint petroleum odor.

10. Stability & Reactivity

STABILITY: Stable under normal temperatures and pressures
CONDITIONS TO AVOID: None known
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION: None

11. Toxicological Information

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Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg)
Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater than 2000 mg/kg)
Inhalation Toxicity (rats): Practically non-toxic (LC50: greater than 5 mg/l)
Eye Irritation (rabbits): Practically non-irritating. (Draize score: greater than but 15 or less)
Skin Irritation (rabbits): Practically non-irritating. (Primary Irritation Index: than 0.5 but less than 3)
Chronic Toxicology: Product not classified as a carcinogen. It contains less than .3% w/w DMSO extract as measured by IP-346.
Ecotoxicity: No data available
Environmental Fate: This material is not expected to present any environmental problems other than those associated with oil spills.

12. Ecological Information

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.

13. Disposal Considerations

Product and packaging must be disposed of in accordance with Federal, State and local regulations.

14. Transport Classification

DOT:

Description Proper Shipping Name: Not regulated
 Hazard class: Not regulated
 ID Number: Not Regulated
 Packing Group: Not regulated
 Special Information: Not Applicable.

IMO:

Proper Shipping Name: Not regulated
 Hazard Class: Not regulated
 Packing Group: Not Applicable
 Special Information: Not applicable
 IMO Label: Not applicable
 Shipping Containers: Not applicable

15. Regulatory Information

TSCA: This material is in compliance with the TOXIC SUBSTANCE CONTROL ACT (15 USC 2601-2629) and is listed in the TSCA Inventory.

HAZARD CATEGORIES FOR SARA 311/312 REPORTING

HEALTH	Immediate (Acute)	No
HEALTH	Delayed (Chronic)	No
PHYSICAL	Fire	No
PHYSICAL	Sudden release of pressure	No
PHYSICAL	Reactive	No
PHYSICAL	Nuisance Mist/ Dust Only	No

01=SARA 313	11=NJRTK	21=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	22=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	23=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIM TWA	24=TSCA Sect 8(a)
05=CAProp65-ReprotTox	15=ACGIH STEL	25=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	26=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	27=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	28=OSHA
CEILING		
09=SARA 302/304	20=EPA Carcinogen	
10=PA RTK		

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

Is found on lists: 14,15,17

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et.seq., the product is to be identified as follows:
PETROLEUM OIL

16. Other Information compliance

The information on this form is furnished solely for the purpose of

with the OSHA Act, and shall not be used for any other purpose. The information herein is given in good faith and is based on data considered accurate. However, no warranty, expressed or implied, is made regarding the accuracy of these data or the results to be obtained from the use thereof.