

Material Safety Data Sheet

REC'D FEB 05 2001

Ritchie
ENGINEERING COMPANY INC.

10950 HAMPSHIRE AVE. SO.
BLOOMINGTON, MN 55438-2623 U.S.A.

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01L00068
01L00069

Section 1 – Product Information

Manufacturer's Name and Address -
Ritchie Engineering Company, Inc.
10950 Hampshire Avenue South
Bloomington, MN 55438-2391

Telephone No. for Information -
(612) 943-1333

Original or Revision Date -
May, 1998

Product Name -
Ritchie High Vacuum Pump Oil

Chemical Name -
Petroleum Hydrocarbons

Formula -
Multicomponent Liquid

Section 2 – Physical Data

Appearance/Odor - Light Yellow Color/Mild Oil Odor
Boiling Point - 600°F (316°C)
Specific Gravity - .874
Solubility in Water - Negligible
pH - N/A

Vapor Pressure - .1 Micron
Percent Volume Volatile - Negligible
Vapor Density (Air = 1) - N/A

Section 3 – Hazardous Ingredients

Principal Hazardous Component(s) -
NONE

%

Section 4 – Fire and Explosion Data

Flash Point - 500° F (260°C)

Flammable Limits - Lel: .6 Uel: 7.0

Extinguishing Media - Water spray, foam, dry chemical, or CO₂.

Special Fire Fighting Procedures - Must use self-contained breathing protection.

Unusual Fire and Explosion Hazards - None

Section 5 – Reactivity Data

Stability - Stable

Conditions to Avoid - Strong Oxidation

Hazardous Decomposition Products - Carbon Monoxide

Incompatible Materials - Strong Oxidizers

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Section 6 – Spill or Leak Procedure

Procedures if Material is Spilled or Released –

Contain Spill with suitable absorbent materials. Eliminate any possibility of combustion. Report as the law requires at the time. Place absorbing material in a sealed metal container for disposal.

Waste Disposal Method -

Check current laws and regulations before disposing of. Check to determine whether material is hazardous at time of disposing. The regulations can change.

Section 7 – Special Protection Information

Respiratory Protection – None Required

Protective Gloves – Not Required

Other Protective Equipment – Not Required

Eye Protection – Not Required

Section 8 – Special Precautions/Transportation

Special Precautions for
Handling and Storage -

Wash hands after handling. Keep containers closed.

Store below 120°F. Keep away from strong oxidizing agents.

Keep from flame. Exercise appropriate caution as with all chemicals

D.O.T. Shipping Name – N/A

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