# Material Safety Data Sheet: A119

**Reference:** A119 MSDS

**Date:** June 11th, 2009

## 1. PRODUCT: SOME SUBSTANCE OR PREPARATION OF THE SOCIETY:

**Product name:** A119 OIL

- Commercial use: vacuum pump lubricant

**Supplier:**

ALCATEL VACUUM TECHNOLOGY FRANCE  
98 avenue de Brogny  
BP 2069  
74009 ANNECY CEDEX  
FRANCE

**Telephone:** (33) 4 50 65 77 77

**Fax:** (33) 4 50 65 77 89

**Email:** Jean-Loup.MONBEIG@adixen

**Person to contact:** AVTF Quality Manager

**Emergency telephone number:** (33) 4 50 65 77 77

**The time schedule:** 8 a.m to 12 a.m and 2 p.m to 5 p.m

## 2. COMPOSITION - INGREDIENTS:

**Generic Name:** 100% Solvent refined Neutral paraffinic oil

**Chemical Formula:** \((CH_2)_n\) \(20 \leq n \leq 40\)

**Hazardous Ingredients:** None

**CAS number:** 64742-65-0

## 3. HAZARDS IDENTIFICATION:

**Possible Entry Routes:** Ingestion, inhalation of oil mists

This product is not classified as hazardous.

**Acute Effects:** Exposure to oil mists may cause nausea and eye irritation.

Detailed studies have not been made, but material is not expected to be dermatitic or a sensitizer.

**Chronic Effects:** Unknown.

## 4. FIRST AID MEASURES:

- In the event of severe disorders, call a doctor or request immediate medical help.

- Information in the event of:

  * **SKIN:**
    After contact with skin, wash immediately with large quantities of water and soap.

  * **EYES:**
    Flush with water. Contact a physician!
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* Ingestion:
  If swallowed, do not induce vomiting
  Small amounts in mouth may be washed out. Contact a physician.

5. **Fire Fighting Measures:**

Flash Point: >213° C
Method Used: Cleveland Open Cup
Explosive Limits Lower: Unknown  Upper: Unknown
Extinguishing Media: Water fog, chemical foam or carbon dioxide. NFPA Class III B Material.
SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclosed spaces; incomplete combustion of this material produces carbon monoxide!
UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None

6. **Accidental Release Measures:**

Procedure to be followed in event of release:
Small spills may be wiped up with a rag.
Large spills should be picked up immediately with an absorbent.

7. **Storage and Handling:**

Handling: None known
Storage: None known

8. **Exposure Controls / Individual Protection:**

Engineering Control Measures: None required
Respiratory Protection: See notes on ventilation below.
Ventilation: Good general ventilation at source of vapor.
Protective Gloves: Yes - made of oil-impermeable rubber
Safety Glasses/Goggles: Yes - glasses should have side shields
Other Protective Equipment: None should be required under normal use.

9. **Physical and Chemical Properties:**

Physical State: Liquid
Vapor Pressure: < .0001 Torr @ 25C
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BOILING POINT: >200°C
EVAPORATION RATE (ether = 1): Nil
VAPOR DENSITY: approximately 14
WT % VOLATILES: Nil
SPECIFIC GRAVITY: 0.87
VISCOSITY: 55 cst @ 40°C
SOLUBILITY IN WATER: Nil
APPEARANCE: Pale yellow viscous liquid with a faint petroleum odor.

10. STABILITY AND REACTIVITY:

STABILITY: Material is stable
TO AVOID: Continuous exposure to temperatures > 200°C
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL LD50 (MG/KG): None known
ACUTE DERMAL LD50: None
ACUTE INHALATION: US Govt 8 hr TWA limit for exposure to oil mists is 5 mg per cubic meter

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL: When used and/or disposed of as indicated, no adverse effects are foreseen.
MOBILITY: Non-volatile and insoluble in water.
DEGRADABILITY: Slowly biodegradable in aerobic conditions.

13. DISPOSAL CONSIDERATIONS:

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

Not classified as hazardous for transport by air, sea or road.

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Health</th>
<th>Chronic Health</th>
<th>Fire</th>
<th>Physical Sudden Release</th>
<th>Physical Reactive</th>
<th>Physical Nuisance Mist/Dust</th>
<th>Health Delayed</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICAL</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>HEALTH</td>
<td>No</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**TSCA Sect.**

01=SARA 313
02=MASS RTK
03=NTP Carcinogen
04=CA Prop 65-Carcin
05=CA Prop 65-ReprotTox
06=IARC Group 1
07=IARC Group 2A
08=IARC Group 2B
09=SARA 302/304
10=PA RTK

11=NJRTK
12=CERCLA 302.4
13=MN RTK
14=ACGIM TWA
15=ACGIH STEL
16=ACGIH Calc TLV
17=OSHA PEL
18=DOT Marine Pollutant
20=EP A Carcinogen
21=TSCA Sect 5(a) (2)
22=TSCA Sect. 6
23=TSCA Sect 12(b)
24=TSCA Sect 8(a)
25=TSCA Sect 8(d)
26=TSCA Sect 4(a)
27=Canadian WHMIS
28=OSHA CEILING

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
**GENERAL CONSIDERATIONS:**

This sheet completes the technical user manual but does not replace it. The information that it contains is based on our knowledge concerning the product in question, on the date of edition of this sheet, and is given in good faith. Users should also pay attention to the risks which may be involved when a product is used for purposes other than that for which it was originally intended.

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