

**MATERIAL SAFETY DATA SHEET: A300**
**Reference : A300 MSDS**
**1. PRODUCT: SOME SUBSTANCE OR PREPARATION OF THE SOCIETY:**
**Product name:** A300 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](mailto: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 technical white petroleum oil and additives

**CHEMICAL FORMULA:**  $(CH_2)_n$  20 = < n = < 40

**HAZARDOUS INGREDIENTS:** None

**Cas Number** 8042-47-5

**3. HAZARDS IDENTIFICATION:**
**POSSIBLE ENTRY ROUTES:** Ingestion, inhalation of oil mists

This product is not classified as hazardous.

**ACUTE EFFECTS:** Exposure to oils mists may cause nausea and eye.

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

**CHRONIC EFFECTS:** Unknown.

**4. FIRST AID MEASURES:**
**SKIN:** Wash with soap and water.

**EYES:** Flush with water. Contact a physician!

**INGESTION:** If swallowed, do not induce vomiting.

Contact a physician. Small amounts in mouth may be washed out.

**MATERIAL SAFETY DATA SHEET: A300**
**Reference : A300 MSDS**
**5. FIRE FIGHTING MEASURES:**

FLASH POINT: &gt;243° 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 / PERSONAL PROTECTION:**

ENGINEERING CONTROL MEASURES: None required

RESPIRATORY PROTECTION: See notes on ventilation below.

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: &lt; .0001 Torr @ 25C

BOILING POINT: &gt;300° C

EVAPORATION RATE (ether = 1): Nil

VAPOR DENSITY: approximately 14

WT % VOLATILES: Nil

SPECIFIC GRAVITY: 0.86

VISCOSITY: 56 cst @ 40 C

SOLUBILITY IN WATER: Nil

APPEARANCE: transparent, colorless, viscous liquid with a faint petroleum odor.

**MATERIAL SAFETY DATA SHEET: A300**
**Reference : A300 MSDS**
**10. STABILITY AND REACTIVITY:**

STABILITY: Material is stable

CONDITIONS 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 Gov't 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 environmental 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, and local regulations.

Material may be returned for reclamation

**14. TRANSPORT CLASSIFICATION:**

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

**15 REGULATORY INFORMATION:**

None

**MATERIAL SAFETY DATA SHEET: A300**

**Reference : A300 MSDS**

**16. OTHER INFORMATION:**

**NFPA RATING**

FLAMMABILITY	1
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE

**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.

No guarantees can be given on the accuracy of the information contained in this sheet. The sheet, given to our customers in good faith in the sole aim of informing and helping them in their research, cannot be considered to provide an absolute or implicit guarantee related to its use. Consequently, ALCATEL VACUUM TECHNOLOGY FRANCE or ALCATEL subsidiaries cannot be held responsible for damage of any type related to the publication of this document. Similarly, none of the information it contains should be interpreted as an authorisation or recommendation for the use of products which would cause an infringement of patent rights.