

MATERIAL SAFETY DATA SHEET: A200
Reference : A200 MSDS
1. PRODUCT: SOME SUBSTANCE OR PREPARATION OF THE SOCIETY:
Product name: A200 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 = < n = < 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 oils 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:
SKIN: Wash with soap and water.

EYES: Flush with water. Contact a physician!

INGESTION: If swallowed, do not induce vomiting.

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

MATERIAL SAFETY DATA SHEET: A200
Reference : A200 MSDS
5. FIRE FIGHTING MEASURES:

FLASH POINT: >213 C

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 CONTROL / PERSONAL 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

BOILING POINT: >200 C

EVAPORATION RATE (ether = 1): Nil

VAPOR DENSITY: approximately 14

WT % VOLATILES: Nil

MATERIAL SAFETY DATA SHEET: A200

Reference : A200 MSDS

SPECIFIC GRAVITY: 0.87
 VISCOSITY: 58 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
 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, State and local regulations.

14. TRANSPORT CLASSIFICATION:

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

MATERIAL SAFETY DATA SHEET: A200

Reference : A200 MSDS

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

Cannot be reproduced without written authorisation

MATERIAL SAFETY DATA SHEET: A200

Reference : A200 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.

Cannot be reproduced without written authorisation