

Javac MSDS Data Sheet

Product Name: JAVAC No. 16 Vacuum Pump Oil Page 1of4
(suitable for CD 75/150/300 & JL 5/10/18 & VECTOR RD/LD models)

Part No: 1 Litre S21505
5 Litre S21506



Date Issued: July 2008
Supplier Prod Code: 4913
Use: Severely refined, high viscosity index paraffinic base oil
Classification: NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia
Dangerous Goods Code.

Proper Shipping Name: None allocated
UN No: None allocated
DG Class: None allocated
Packing Group: None allocated
HazChem Code: None allocated
Poisons Schedule: Not scheduled
Product Use: Turbine for industrial and marine steam turbines

Physical Data:
Appearance & Odour: Clear yellow oil. Characteristic odour.
Chemical Reactivity: Stable. React with strong oxidizing agents
Chemical Stability: Stable under normal conditions
Melting Point: Not available
Boiling Point: >350°C
Vapour Pressure: Not available
Specific Gravity: 0.89°C
Flash Point: 262°C (COC)
Flamm. Limit LEL: Not available
Flammable Limit UEL: Not available
Solubility in Water: Insoluble
Vapour Density (Air=1): Not available

Other Properties
Volatile Component: Not available
Autoignition: Not available
Evaporation Rate: Not available
PH Value: Not applicable
Viscosity: Not available
Haz. Polymerization: Will not occur
Material to avoid: Strong oxidizing agents

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Ingredients

Ingredients Name	CAS	Proportion
Distillates, Petroleum, Solvent Dewaxed Heavy Paraffinic	64742-65-0	100 %

Health Hazard Information:

Health Effects:

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion

DO NOT induce vomiting. Immediately wash mouth out with water. Seek medical attention.

Skin

Remove contaminated clothing and wash before re-use. Wash thoroughly with soap and water. If irritation develops, seek medical attention.

Eye

If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops, seek medical attention.

First Aid Facilities

Eye wash and normal wash room facilities.

Advice to Doctor

Treat symptomatically.

Other Health Hazard Information:

Exposure Limits:

No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:

Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

Personal Protection:

Protective Equipment:

Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:

Eye protection:

Safety glasses with side shields or chemical goggles as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection:

Impervious gloves recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

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Respiratory Protection:

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Body Protection:

Suitable work wear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

Contamination:

If contamination occurs, change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

Fire Hazards:

Suitable Extinguishing Media	Use carbon dioxide, dry chemical, foam or water mist.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Specific Hazards	Combustible liquid. This product will burn if exposed to fire.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Refer to AS 1940 - Storage and handling of flammable and combustible liquids and AS 2865 - Safe working in a confined space, for more specific information on these subjects.

Hazards from Combustion Products:

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Hazardous Reaction	Reacts with oxidising agents.
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Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes.
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Safe Handling Information:

Storage and Transport:

Precautions for Safe Handling:

Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Wear appropriate protection. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

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Conditions for Safe Storage:

Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling. Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Proper Shipping:

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Storage and Transport Not classified as dangerous goods.

Spills and Disposal:

Spills & Leaks:

Extinguish or remove all sources of ignition and stop leak if safe to do so. Contain the spill with sand or earth and take up with a vacuum truck or absorb with absorbent material, sand or earth. Place used absorbent in suitable sealed containers for disposal.

Disposal Considerations:

Dispose of waste according to federal, E.P.A, State and local regulations. Assure conformity with all applicable regulations.

Other Information:

Toxicology:

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Ingestion of large quantities may depress the central nervous system. May cause irritating in contact with skin. Symptoms may include redness and itchiness. Repeated or prolonged skin contact may lead to dermatitis. May cause irritation to eyes. Symptoms may include redness, tearing, stinging and blurred vision. Not expected to cause chronic health effects.

Information on Ecological Effects:

Avoid contaminating waterways.

References:

For detailed advice on Personal Protective equipment, refer to the following Australian Standards :
HB 9 Occupational Personal Protection.

AS 1337	Eye protectors for industrial applications.
AS 1715	Selection, use and maintenance of respiratory protective devices.
AS 1716	Respiratory protective devices.

Contact point

National 24 hr Emergency Response :- 1800 033 111 – Refer to Product Code 4913

PLEASE NOTE that although every care has been taken in compiling the above information, it is solely reliant upon data available to us at the date hereof. We believe the data to be correct, however for the reason just stated we are not in a position to warrant its accuracy. With that in mind and given that the full range of possibilities and conditions under which the information may be applied simply cannot be anticipated, YOU ARE CAUTIONED to make your own determinations as to the veracity and the suitability of the information to the particular circumstances that apply, or may apply, to you from time to time. Consistent with that approach it is recommended that where you have a particular purpose which would necessitate a reliance on information of the nature herein you obtain your own independent expert advice particularly structured to the relevant purpose. If this material is printed, circulated, distributed or copied in any manner, it is not to be modified without prior written permission, and further, it is to include the wording of the above disclaimer.

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