

Javac MSDS Data Sheet

Product Name: JAVAC No. 15 Vacuum Pump Oil (suitable for CD 40 & JL 2.5 models) Page 1of4

Part No: 1 Litre S21501
5 Litre S21502



Date Issued: July 2008
Supplier Prod Code: 03003

Use: Very high viscosity index hydraulic 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
CAS No: Not relevant

Physical Data:
Appearance & Odour: Clear and bright oily liquid. Mineral oil odour
Chemical Reactivity: Stable. Reacts with oxidizing agents
Chemical Stability: Stable under normal conditions
Melting Point: Not available
Boiling Point: IBP: Not Available FBP: Not Available
Vapour Pressure: Not available
Specific Gravity: 0.87°C @ 15°C
Flash Point: 200°C (COC)
Flamm. Limit LEL: Not available
Flammable Limit UEL: Not available
Solubility in Water: Negligible
Vapour Density: >1

Other Properties
Volatile Component: Not available
Autoignition Temp: 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 |
|---|---------|------------|
| Additives | Mixture | 0-10% |
| Refined Mineral Oil (Complex Mixture mixture of paraffinic, naphthenic and aromatic hydrocarbons) | | 60-100% |

Health Hazard Information:

Health Effects:

| | |
|-------------------|--|
| Acute - Swallowed | May cause mild gastric irritation if swallowed. |
| Acute - Eye | Product may cause slight to moderate irritation to the eyes. |
| Acute - Skin | Mildly irritating to the skin. |
| Acute - Inhaled | Inhalation of the vapours (generated at elevated temperatures) or mists can cause irritation to the nose and throat. |
| Chronic | Prolonged or repeated skin contact may cause dermatitis due to defatting effect. |

First Aid:

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|----------------------|--|
| Swallowed | If swallowed, do NOT induce vomiting, seek medical advice. |
| Eye | Flood eyes with plenty of water for 20 minutes. If irritation occurs seek medical advice. |
| Skin | Remove contaminated clothing and wash skin thoroughly with soap and water. |
| Inhaled | Remove affected person from contaminated area and seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice. |
| First Aid Facilities | Eye wash station, safety shower and normal washroom 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 and a short term exposure limit (STEL) 10mg/m³ is recommended. As with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:

Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standard or where no exposure standard is allocated, as low as is reasonably practicable.

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.

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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.

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.

Where the concentration of vapour or mist is expected to approach the exposure limit, the following additional equipment is recommended: -

Short elevated exposures, eg spillage - goggles and correct respiratory protection should be worn.

NB. If the vapour/mist concentrations exceed the exposure limit by more than 10 times, air supplied apparatus should be used. For prolonged elevated exposures - Full face air supplied or self contained breathing apparatus should be worn.

Contamination:

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

Fire Hazards:

| | |
|-------------------------------------|---|
| Suitable Extinguishing Media | Use carbon dioxide, dry chemical or foam. |
| 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. Combustible liquid, will not burn unless preheated. |

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.

Hazardous Reaction Reacts with oxidising agents.

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. Do not allow product to enter drains, sewers or water courses - inform the local authorities if this occurs.

Other Information:

Toxicology:

Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing process to a level at which no health risks are expected as a result of normal handling.

Information on Ecological Effects:

Avoid contaminating waterways. Do not allow product to enter drains, sewers or water courses - inform the local authorities if this occurs.

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 651 818 – Refer to Product Code 03003

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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