



Material Safety Data Sheet

High Performance Jointing Lubricant SL1C

June 2014

01 Identification of the substance/preparation and company details

Product name:	Vinoleo Bio
Product No:	IL61317, 174876, 174889
Application:	Lubricant
Manufacturer:	MacDermid plc, Palmer Street, Bordesley, Birmingham, B9 4EU
Telephone:	+44 (0)121 606 8100
Contact:	sdsuk@macdermid.com
Emergency Tel:	24 Hour Emergency Incident Number +44 (0)208 762 8322

02 Composition/information on ingredients

Name:	Rapeseed oil.
CAS-No.	95193-59-2.
Content:	60-100%
	The Full Text for all R-Phrases are Displayed in Section 16.

03 Hazard identification

Not regarded as a health or environmental hazard under current legislation.

04 First-aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Inhalation:	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion:	Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Rinse nose, mouth and throat with water. Get medical attention.

05 Fire-fighting measures

Extinguishing media:	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.
Special fire fighting procedures:	Avoid breathing fire vapours. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.
Unusual fire & explosion hazards:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Protective measures in fire:	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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06 Accidental release measures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces. Avoid contact with eyes. Do not smoke, use naked flames or other sources of ignition.
Environmental precautions:	Do not discharge into drains, water courses or onto the ground. Avoid discharge to the aquatic environment.
Spill clean up methods:	Wear necessary protective equipment. Remove sources of ignition. Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved.

07 Handling and storage

Usage precautions:	Avoid contact with eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Observe good industrial hygiene practices. Avoid eating, drinking and smoking when using the product.
Storage precautions:	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep above the chemical's freezing point to avoid rupturing the container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.
Storage class:	Chemical storage.
- Min. storage temp (°C):	5
- Max. storage temp (°C):	40

08 Exposure controls/personal protection

Protective equipment:	 
Engineering measures:	Provide adequate general and local exhaust ventilation.
Respiratory equipment:	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Seek advice from supervisor on the company's respiratory protection standards.
Eye protection:	The use of eye protection is recommended.
Hand protection:	For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended.
Other protection:	Provide eyewash station. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash hands after contact. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

09 Physical and chemical properties

Appearance:	Coloured gel
Colour:	Amber
Odour:	Oil smell
Relative density:	0.94 - 1.01
Solubility:	Insoluble in water.

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10 Stability and reactivity

Stability:	Stable under normal temperature conditions and recommended use.
Conditions to avoid:	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid frost.
Materials to avoid:	Strong oxidising substances. Strong acids. Strong alkalis.
Hazardous decomposition products:	None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 Toxicological information

Inhalation:	No specific health warnings noted.
Ingestion:	May cause discomfort if swallowed. May irritate and cause stomach pain, vomiting and diarrhoea. No harmful effects expected in amounts likely to be ingested by accident.
Skin contact:	Skin irritation is not anticipated when used normally. Prolonged and frequent contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.
Eye contact:	Spray and vapour in the eyes may cause irritation and smarting. May cause temporary eye irritation.

12 Ecological information

Ecotoxicity:	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Water hazard classification:	WGK1

13 Disposal considerations

General information:	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal methods:	Environmental manager must be informed of all major spillages. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

14 Transport information

General:	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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15 Regulatory information

Risk phrases:	NC – Not classified.
Safety phrases:	NC – Not classified.
EU directives:	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Statutory instruments:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
Approved code of practice:	Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance notes:	Workplace Exposure Limits EH40.

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16 Other information

Revision date:	06/09/2006
Safety data sheet status:	Approved.
Date:	26/10/2005
Signature:	SM
Signature 2:	BH
Risk phrases in full:	NC – Not classified

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In such cases the original manufacturer's details (name and address) are shown.

This information is provided without any representation to its accuracy and does not constitute a guarantee of the product or its properties.

As the handling, storage, use and disposal of the product are beyond our control, Wavin Limited disclaim all liability for loss, damage, injury or expense in any way connected with such activities and further make no warranties, express or implied, as to the suitability of the product for any particular use.

17 Additional information

This Material Safety Data Sheet in the CHIP format supersedes all previous issues, and users are cautioned to ensure it is current. Destroy all previous copies, and if in doubt contact Wavin Limited.

The product is used for lubrication of rubber pipe seals and / or pipes to accommodate assembly.

18 Legal disclaimer

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.