

SAFETY DATA SHEET
WESTLAKE PIPE & FITTINGS PIPE LUBRICANT

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product identifier: WESTLAKE PIPE & FITTINGS PIPE LUBRICANT 1.2

Relevant identified uses of the mixture and uses advised against

Identified uses: Pipe Joint lubrication.

List of advices against: Not applicable

1.3 Details of the Manufacturer of the Safety Data Sheet

bioCANlubricants Ltd.

100 Wilkinson Rd.

Brampton, On.

L6T 4Y9

1.4 Emergency telephone numbers

Call 1-416-884-1635

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to OSHA 29 CFR 1910.1200.

This product contains no reportable hazardous components according to US Federal regulations. Classification according to Regulation (EC) No 1272/2008
This product is not classified as dangerous according to EC criteria.

2.2 Label elements.

Pictograms: None required.

Hazard Statements: None required.

2.3 Other hazards: None known

3. COMPOSITIONS and INFORMATION ON INGREDIENTS

This product contains no reportable hazardous components under OSHA 29 CFR 1910.1200 and European Regulation (EC) No 1272/2008.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin becomes irritated, rinse with water. If irritation continues, seek medical attention.

Inhalation (Breathing): No first aid expected to be required. Not an inhalation hazard.

Ingestion (Swallowing): Drink 2 glasses of water. Only induce vomiting at the instructions of a physician. If difficulties arise, contact a physician.

4.2 Most important symptoms and effects, both acute and delayed aside from information above, no additional symptoms and effects are anticipated.

4.3 Indication of immediate medical attention and special treatment needed. No information available.

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:
Does not apply.
- 5.2 Special hazards arising from the substance or mixture
Hazardous decomposition and by-products: None
High temperature steam, potentially carbon monoxide and carbon dioxide.
- 5.3 Advice for firefighters
Sealed container can build up pressure when exposed to high heat. Cool containers with water.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:
Lubricant is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops.
- 6.2 Environmental precautions:
Outside, spills should be covered with sand, dirt or gravel.
- 6.3 Methods materials for containment and cleaning up:
Wipe up or scrape up spilled material. To prevent footing hazard.
- 6.4 Reference to other sections:
Refer to Sections 4, 5, 8, and 13 for more information.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling
Avoid spills and clean them up immediately when they occur. Product is very slippery.
For industrial or professional use only.
- 7.2 Conditions for safe storage, including incompatibilities:
Keep product containers closed when not in use.
- 7.3 Specific end uses see technical data sheet on this product for further information.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- 8.1 Control parameters
Exposure limits and recommendations:
None
- 8.2 Exposure Controls
Respiratory protection: Normal ventilation is adequate Protective gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.
Eye protection: Safety glasses recommended.

9. PHYSICAL AND CHEMICAL

9.1 Information of basic physical and chemical properties

Appearance:	Opaque
Odor Threshold:	Not Applicable
Color:	Amber
Form:	Paste
Odour:	Faint pine
pH:	9.1 to 9.4
Toxicity:	None
Working Concentration:	Full strength
Biodegradable:	Yes
NSF 61 Certified:	Yes
Saponification:	Complete
Boiling point/boiling range (C'):	100 °C
Flash Point:	Not applicable
Autoignition Temperature (C'):	Not applicable
Flammable Limits:	Not applicable
Explosive Properties:	Not applicable
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Flammability (solid, gas):	The product is not flammable
Oxidizing Properties:	Not applicable
Vapour Pressure 9mmHg):	Not applicable
Specific Gravity:	Not applicable
Solubility in Water:	100 %
Partition Coefficient:	No Data
Density (g/ml):	No Data
Melting point/melting range (C'):	No Data
Freezing point (C'):	-22 °C

9.2 Other Information Volatiles (Weight%): 0 VOC Content: 0

10. STABILITY AND REACTIVITY

- 10.1 Reactivity: No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability: Stable
- 10.3 Possibility of hazardous reactions: None known.
- 10.4 Conditions to avoid: None known.
- 10.5 Incompatible materials: None known.
- 10.6 Hazardous decomposition products: Not applicable

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity

Eye contact: Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin contact: This product has low skin irritation potential. There is no dermal toxicity hazard.

Irritation and Sensitization Potential:

This product has low skin irritation potential. It is not a sensitizer. Inhalation (Breathing): No inhalation hazard expected with water vapour. Ingestion: Very low ingestion hazard.

Aspiration hazard: Not an aspiration hazard.

Chronic Exposure:

Reproductive Toxicity: Not Available

Mutagenicity: Not Available

Teratogenicity: Not Available

Toxicologically Synergistic

Products: Not Available

Carcinogenic Status: This substance has not been identified as a or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: No information available.

12.2 Persistence and degradability: No information available.

12.3 Bioaccumulation potential: No information available.

12.4 Mobility in soil: No information available.

12.5 Results of PBT and vPvB: This product is not, nor does it contain a substance that is a PBT or vPvB.

12.6 Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

UN Number: Not Listed

UN Proper shipping name: Not Applicable

Transport hazard class(es): Not Applicable

Packing group: Not Applicable

Environmental hazards: None known

Special precautions: None known

TOG: Not Regulated

ICAO/IATA-DGR: Not Regulated

IMDG: Not Regulated

ADR/RID: Not Regulated

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

USA Federal and State

All components are listed on the TSCA inventory.

NFPA Ratings:	Health:	0
	Fire:	0
	Reactivity:	0

SARA:

Sections 301-304 (Threshold planning quantity – TPQ) 40 CFR 355: No TPQ for any component: Not applicable.

Section 313 (Toxic chemical release Reporting) 40 CFR 372: The following chemicals must be reported under SARA 313:
Not applicable.

CERCLA: Section 102 (Reporting Quantity – RQ) 40 CFR 302: Not applicable.

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

European Union

All components are listed on the European Inventory of Existing Chemical Substances (EINECS).
Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006.
It does not contain Substances of Very High Concern (SVHC).

Canada

All components are listed on the DSL inventory.
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. Workplace Hazardous Materials Information System (WHMIS)-listed material. This product contains the following components subject to reporting requirements: None

WHMIS Classification: NC

Australia

All components are listed on the AICS.
Not considered hazardous according to criteria of NOHSC Australia.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture by the manufacturer.

16. OTHER INFORMATION

Abbreviations and acronyms:

OSHA = Occupational Safety and Health Administration

CLP = Classification, Labeling and Packaging Regulation

STOT = Specific Target Organ Toxicity

DNEL = Derived No Effect Level

ACGIH = American Conference of Governmental Industrial Hygienists

AICS = Australian Inventory of Chemical Substances

DSL = Domestic Substances List – Canada

NSF = National Sanitation Foundation

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