

Rev 20

## ENVIROFLEX SHOE PERISTALTIC PUMP LUBRICANT - SAFETY DATA SHEET



Avoid contact with strong oxidizing agents, nitrogenous compounds and strong acids: risk of violent and or explosive reactions with pure compounds

### Low oral toxicity pump hose lubricant - Product Grade EP/USP

Classified as GRAS (Generally Regarded as Safe) by the US Food and Drug Administration (FDA) for use with fixed shoe peristaltic pumps

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Enviroflex Shoe Lubricant for use with Fixed Shoe Peristaltic Pumps
Manufacturer / Supplier	Enviroflex Limited
Address	Pump Point, Ascot Drive, Derby, DE24 8GZ
Telephone No.	+44 (0)1332 913 200
Facsimile No.	+44 (0)1332 653 500
E-Mail	<a href="mailto:sales@enviroflex.co.uk">sales@enviroflex.co.uk</a>

#### 2. COMPOSITION / INFORMATION ON PRODUCT COMPONENTS

Low oral toxicity lubricant

Classified as GRAS (Generally Regarded as Safe) as a food additive and not classified as harmful for handling or transport purposes.

However, we recommend good working practices are employed and personal protection gear is worn when handling any chemical.

#### 3. HAZARD IDENTIFICATION

Main Hazards Not classified as a hazard or environmental hazard under current legislation.

#### 4. FIRST AID MEASURES

Health effects - Eyes Wash eyes promptly and rinse for 15 minutes. Get medical attention if irritation persists. Health effects - Skin Remove affected person from source of contamination. Wash skin with soap and water.

Health effects - Ingestion Unlikely to be harmful unless excessive amounts are consumed. Drink plenty of water. First Aid - Inhalation

Remove affected person to fresh air.

#### 5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water, alcohol resistant foam. Carbon Dioxide (CO2) or dry chemicals.
Unsuitable extinguishing media	Not applicable.
Special Hazards of Product	Acrid smoke/fumes may form in a fire.
Protective equipment for firefighting.	Wear self-contained breathing apparatus.
Flash Point and method	>198.9 Deg. C PMCC Explosive Limits in air
Not applicable. Auto-ignition temperature	~400 Deg. C

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear personal protective gear.

Environmental Precautions Prevent the material from entering drains or water courses without pre-treatment. Spillage's Clean with absorbent material and dispose. Residues can be washed away with water. **7. HANDLING AND STORAGE**

Handling No special measures necessary. Protect against fire and explosion. Take precautionary measures against static discharge.

Storage We supply in polypropylene containers these should be tightly sealed and dry. Do not use zinc.

Recommended Shelf Life: Assuming stored correctly and unopened, we recommend use within 2 years from our shipment date to ensure best life

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Control Measures	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.
Respiratory Protection	Respiratory protection if there is a risk of exposure to high vapour concentrations.
Hand Protection	PVC gloves
Eye Protection / Body protection	Chemical goggles or face shield must be worn / Wear Overall or apron.
Exposure Limit for United Kingdom	TWA 10mg/m <sup>3</sup>

## PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Green
Odour	Almost odourless
pH	Neutral
Freeze Point (°C)	Below -40 degrees C (-40 degrees F)

## 10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Flames.
Materials to Avoid	Powerful oxidising agents
Hazardous Decomposition Products	None provided product is correctly processed. Does not decompose up to 204 Deg. C

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity LD 50/oral/rat: >30,000 mg/kg Tao Irritancy - Eyes This material is mildly irritating to the eyes.

Irritancy - Skin	This material is non-irritant (Draize test) to the skin.
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## 12. ECOLOGICAL INFORMATION

Mobility	The product will dissolve rapidly in water.
Persistence and biodegradability	Readily biodegradable (OECD 301)
Bio accumulative potential	BCF: 3.162 (calculated).

## 13. DISPOSAL

Product Disposal	Dump according to local regulations. EWC-No. n/a
Container Disposal	Containers should be cleaned by appropriate methods and then re-used or disposed in same manner as contents.

## 14. TRANSPORT INFORMATION

UN Number	Not regulated for transport. n/a
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UN Class	n/a
UN Packaging Group	n/a
ADR/RID Substance ID No.	n/a
ADR/RID - Class	n/a

#### 15. REGULATORY INFORMATION

EU Classification:	This product is not classified as dangerous according to Directive 1999/45/EC
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Labelling Information	According to EEC directives - not subject to labelling
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R Phases n/a

S Phrases n/a

EC Annex 1 Classification	n/a
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#### 16. OTHER INFORMATION

SDS first issued	01-Feb-04
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SDS data revised	07-Aug-24
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Footnotes

This safety data sheet was prepared in accordance with Directive 2001/58/EC  
The above information is believed to be accurate. The sole purpose of the datasheet is to provide guidance on the safe handling and use of the respective product. It does not form part of any product specification or contract. It is not practical for the information to cover every conceivable application of the product. It is the responsibility of the user to evaluate the information for their own particular purpose. In no event shall the company be held liable for any injury, loss or damage resulting from its use.

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