

ENVIROFLEX ROLLER STANDARD PERISTALTIC PUMP LUBRICANT - SAFETY DATA SHEET



Materials to Avoid: Strong Oxidizing Agents

Risk of acidic degradation which may lead to the formation for formic/lactic/acetic acid and will also cause the oxidation of the hydroxyl groups within the lubricant to form carbonyl groups.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Enviroflex Roller Lubricant for use with Roller Peristaltic Pumps
Manufacturer / Supplier	Enviroflex Limited
Address	Pump Point, Ascot Drive, Derby, DE24 8GZ, UK
Telephone No.	+44 (0)1332 913 200
Facsimile No.	+44 (0)1332 653 500
E-Mail	sales@enviroflex.co.uk

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	Rinse out mouth and give plenty of water to drink. Do not induce vomiting.
First Aid - Inhalation	Ensure supply of fresh air. Remove affected person from the immediate area.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water, alcohol resistant foam. Carbon Dioxide (CO ₂) or dry chemicals.
Unsuitable extinguishing media	High power water jet.
Special Hazards of Product	Acrid smoke/fumes. Carbonyl compounds. Acetic acid.
Protective equipment for fire fighting.	Wear self contained breathing apparatus.

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. Provide good ventilation at the work area.
Storage	Keep only in the original container, these should be tightly sealed and stored in a dry cool well ventilated area.
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

Tightly fitting safety glasses (EN 166). / Wear overall or apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

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REV18

Physical State

Liquid.

Colour

Blue

Odour

Almost odourless

pH

7.5 - 9.5

Freeze Point (°C)

Below -40 degrees C (-40 degrees F)

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Heat; Protect from sun.

Materials to Avoid

Oxidizing agents; Alkalis.

Hazardous Decomposition Products

None provided product is correctly processed.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LD 50/oral/rat: >20,000 mg/kg

Irritancy - Eyes

This material is irritating to mucous membrane/eyes.

Irritancy - Skin

This material is non-irritant (Draize test) to the skin.

12. ECOLOGICAL INFORMATION

Mobility

The product will dissolve rapidly in water.

Ecotoxicity

The product is rated as : Algae EC50 (72h):>100mg/l.

Fish : LC50 (96h):.100mg/l, Oncorhynchus mykiss

Bacteria: >1000 mg/l Daphnids (acute) EC50 (48h):>100mg/l

13. DISPOSAL

General Information

Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.

Disposal Methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Packaging

Packaging that cannot be cleaned should be disposed off as product waste. Uncontaminated packaging may be taken for recycling.

14. TRANSPORT INFORMATION

UN Number

n/a

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

Labelling Information

According to EEC directives - not subject to labelling

R Phases n/a

S Phrases n/a

EC Annex 1 Classification n/a

16. OTHER INFORMATION

SDS first issued 01-Feb-04

SDS data revised 01-Aug-24

Footnotes
This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH), 1272/2008 (CLP) as amended, EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU. 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 beheld liable for any injury, loss or damage resulting from its use.

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