

## Interflon Lube EPR

**Version number:**  
1.1  
Replaces version:

**Date of issue**  
2026-04-15

**Revision:**  
2026-04-15.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name **Interflon Lube EPR**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Industrial use  
Scope lubricant

#### 1.3 Details of the supplier of the safety data sheet

Interflon BV  
Belder 47  
4704 RK Roosendaal  
Netherlands

Telephone: +31 (0)165 553911  
e-mail: Service@Interflon.com  
Website: www.Interflon.com

Supplier (importer)

Interflon UK  
Telephone:

e-mail (competent person) msds.uk@interflon.com

#### 1.4 Emergency telephone number

Poison centre			
Name	Street	City	Telephone
UK National Poison Centre			UK National Poisons Emergency number: +44 870 600 6266

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319

For full text of abbreviations: see SECTION 16.

#### 2.2 Label elements

Labelling

- Signal word. warning

- Pictograms

GHS07



## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revision:  
2026-04-15

- Hazard statements  
H319 Causes serious eye irritation.
  
- Precautionary statements  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.
  
- Supplemental hazard information  
EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains Sulfonic acids, petroleum, calcium salts. May produce an allergic reaction.

### 2.3 Other hazards

This material is combustible, but will not ignite readily. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Product description

Mixture of mineral and vegetable oils, additives and Micpol®

Hazardous ingredients

Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS No 64742-48-9  EC No 918-481-9  Index No 649-327-00-6	25 - < 50	Asp. Tox. 1 / H304	L(b)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	EC No 701-177-3	1 - < 5	Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Aquatic Acute 1 / H400 Aquatic Chronic 3 / H412	
Sulfonic acids, petroleum, calcium salts	CAS No 61789-86-4  EC No 263-093-9	< 1	Skin Sens. 1B / H317	

#### Notes

L(b): The classification as a carcinogen is not required. The substance contains less than 3 % DMSO extract

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

Concentration limit, M-Factor, ATE

Hazardous ingredients, Specific Conc. Limits, M-factors, ATE				
Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	-	11 mg <sub>i</sub> /4h 1.37 mg <sub>g</sub> /4h	inhalation: vapour inhalation: dust/mist
Sulfonic acids, petroleum, calcium salts	Skin Sens. 1B; H317: C ≥ 10 %	-	-	

### Remarks

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

### 4.3 Indication of any immediate medical attention and special treatment needed

none

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray, Water mist, Fire extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Carbon dioxide (CO<sub>2</sub>), Alcohol resistant foam

#### Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. Use suitable breathing apparatus.

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Remove contaminated clothing and protective equipment before entering eating areas. Never place chemicals in containers that are normally used for food or drink.

#### 7.2 Conditions for safe storage, including any incompatibilities

Conditions of storage

Store in accordance with local/regional/national/international regulations. Keep container tightly closed and in a well-ventilated place.

Managing of associated risks

- Flammability hazards

Keep in a cool place.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

## Interflon Lube EPR

Version number: 1.1

 date of issue  
2026-04-15

 Date of compilation: Revi-  
sion: 2026-04-15

Relevant DNELs of components						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		DNEL	0.8 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		DNEL	4.2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Sulfonic acids, petroleum, calcium salts	61789-86-4	DNEL	11.75 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Sulfonic acids, petroleum, calcium salts	61789-86-4	DNEL	3.33 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	0.004 mg/l	aquatic organisms	freshwater	short-term (single instance)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	0.057 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	0.006 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		PNEC	1.71 mg/kg	terrestrial organisms	soil	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	1 mg/l	aquatic organisms	freshwater	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	1 mg/l	aquatic organisms	marine water	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	1,000 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	226,000,000 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	226,000,000 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Sulfonic acids, petroleum, calcium salts	61789-86-4	PNEC	271,000,000 mg/kg	terrestrial organisms	soil	short-term (single instance)

## 8.2 Exposure controls

### General safety precautions

Use only in well-ventilated areas.

In case of insufficient ventilation, wear suitable respiratory equipment.

Avoid contact with skin and eyes.

Keep away from food, drink and animal feedingstuffs. Do not breathe gas/vapour/spray. Wash hands after use.

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Work with safety glasses.

#### Skin protection

##### - Hand protection

Chemical protection gloves are suitable, which are tested according to EN 374. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Type of material. NBR: acrylonitrile-butadiene rubber. CR: chloroprene (chlorobutadiene) rubber. PVC: polyvinyl chloride.

##### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

#### Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Brown/White).

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	beige
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	186 °C at 1 atm
Flammability	non-combustible
Lower and upper explosion limit	0.6 vol% - 7 vol% non-combustible
Flash point	65 °C at 1 atm not relevant
Auto-ignition temperature	>200 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	27 cSt at 40 °C not relevant
Solubility(ies)	easily soluble

#### Partition coefficient

Partition coefficient n-octanol/water (log value)	not relevant
---	--------------

Vapour pressure	0.05 kPa at 20 °C
-----------------	-------------------

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15Date of compilation: Revi-  
sion: 2026-04-15

### Density and/or relative density

Density	0.85 g/cm <sup>3</sup> at 20 °C
Relative vapour density	information on this property is not available / not relevant

Particle characteristics	not relevant (liquid)
--------------------------	-----------------------

### 9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics	there is no additional information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

Oxidisers

### 10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to GHS

##### Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		inhalation: vapour	11 mg/l/4h
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		inhalation: dust/mist	1.37 mg/l/4h

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revision:  
2026-04-15

Acute toxicity of components					
Name of substance	CAS No	Exposure route	Endpoint	Value	Species
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		oral	LD50	>5,000 mg/kg	rat
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		inhalation: dust/mist	LC50	1.37 mg/l/4h	rat

### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Contains Sulfonic acids, petroleum, calcium salts. May produce an allergic reaction.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### Other information

Repeated exposure may cause skin dryness or cracking.

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

### 12.7 Other adverse effects

Data are not available.

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

This article should be disposed of as hazardous waste. Please do not put it in your normal household waste. Dispose of this material and its container to hazardous or special waste collection point. Handle contaminated packages in the same way as the substance itself.

#### Relevant provisions relating to waste

Properties of waste which render it hazardous

HP 14 ecotoxic

List of wastes

- Product  
13 02 07\* readily biodegradable engine, gear and lubricating oils

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

- |   |   |
|---|---|
| <b>14.1 UN number or ID number</b>                                  | not subject to transport regulations                                  |
| <b>14.2 UN proper shipping name</b>                                 | not relevant  |
| <b>14.3 Transport hazard class(es)</b>                              | none  |
| <b>14.4 Packing group</b>   | not assigned  |
| <b>14.5 Environmental hazards</b>                                   | non-environmentally hazardous acc. to the dangerous goods regulations |
| <b>14.6 Special precautions for user</b>                            | There is no additional information.                                   |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | The cargo is not intended to be carried in bulk.                      |

#### Information for each of the UN Model Regulations

##### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

##### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Relevant provisions of the European Union (EU)**

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revision: 2026-04-15

### Seveso Directive

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

### Industrial Emissions Directive (IED)

VOC content	47.32 %
-------------	---------

### Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

### Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

### Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

### National regulations (GB)

#### List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

none of the ingredients are listed

#### Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)			
Name of substance	Name acc. to inventory	CAS No	No
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC		3

### National inventories

Country	Inventory	Status
CA	DSL	not all ingredients are listed
EU	REACH Reg.	all ingredients are listed or exempt from listing
US	TSCA	not all ingredients are listed

#### Legend

DSL            Domestic Substances List (DSL)  
REACH Reg.   REACH registered substances  
TSCA          Toxic Substance Control Act

## 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

### SECTION 16: Other information

#### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin

## Interflon Lube EPR

Version number: 1.1

date of issue  
2026-04-15

Date of compilation: Revi-  
sion: 2026-04-15

Abbr.	Descriptions of used abbreviations
Skin Sens.	Skin sensitisation
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.  
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.