

Interflon LeafGuard®-Clean OTR

Version number:
1.6

Date of issue
2025-02-10

Revision:
2025-02-10.

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

1.1 Product identifier

Trade name **Interflon LeafGuard®-Clean OTR**

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

Scope cleaning agent

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

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 |
|---------|--|----------|---------------------------|------------------|
| 2.16 | substance or mixture corrosive to metals | 1 | Met. Corr. 1 | H290 |
| 3.2 | skin corrosion/irritation | 1 | Skin Corr. 1 | H314 |
| 3.3 | serious eye damage/eye irritation | 1 | Eye Dam. 1 | H318 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

Labelling

- Signal word. danger

- Pictograms

GHS05



Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

- Hazard statements
 - H290 May be corrosive to metals.
 - H314 Causes severe skin burns and eye damage.
- Precautionary statements
 - P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 - P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....
 - P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 Immediately call a POISON CENTER/doctor.
 - P390 Absorb spillage to prevent material damage.
 - P501 Dispose of contents/container to industrial combustion plant.
- Hazardous ingredients for labelling
 - phosphoric acid, 2-[(2-ethylhexyl)oxy]ethanol, Hexyl D-glucoside

2.3 Other hazards

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 organic acids, surface-active substances and water

Hazardous ingredients

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Notes |
|------------------------------|---|-----------|---|--------------------|
| phosphoric acid | CAS No 7664-38-2 EC No 231-633-2 | 25 – < 50 | Met. Corr. 1 / H290 Acute Tox. 4 / H302 Skin Corr. 1B / H314 Eye Dam. 1 / H318 | B B(a) IOELV |
| Trisodium orthophosphate | CAS No 10101-89-0 7601-54-9 EC No 231-509-8 | 2.5 – < 5 | Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335 | |
| Hexyl D-glucoside | CAS No 54549-24-5 EC No 259-217-6 | 1 – < 2.5 | Eye Dam. 1 / H318 | |
| 2-[(2-ethylhexyl)oxy]ethanol | CAS No 26468-86-0 | 1 – < 2.5 | Eye Dam. 1 / H318 | |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

Notes

B(a): The classification refers to an aqueous solution

B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

IOELV: Substance with a community indicative occupational exposure limit value

Concentration limit, M-Factor, ATE

| Hazardous ingredients, Specific Conc. Limits, M-factors, ATE | | | | |
|--|--|-----------|-------------|----------------|
| Name of substance | Specific Conc. Limits | M-Factors | ATE | Exposure route |
| phosphoric acid | Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Dam. 1; H318: C ≥ 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 % | - | 1,250 mg/kg | oral |

Regulation 648/2004/EC on detergents

| Wt% | Constituents | Weight % content (or range) |
|-------|-------------------------------------|-----------------------------|
| < 5 % | phosphates non-ionic surfactants | less than 5 % |

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. In case of respiratory tract irritation, consult a physician. 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

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water mist, Fire extinguishing powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Substance or mixture corrosive to metals.

Hazardous combustion products

Phosphorus oxides (P_xO_y)

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.

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.

- Handling of incompatible substances or mixtures

- Keep away from

Caustic solutions

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

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

- Corrosive conditions
Store in corrosive resistant container with a resistant inner liner.
- Flammability hazards
Keep in a cool place.
- Packaging compatibilities
Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

not relevant

| Occupational exposure limit values (Workplace Exposure Limits) | | | | | | | | | | | |
|--|----------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------|
| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
| EU | orthophosphoric acid | 7664-38-2 | IOELV | | 1 | | 2 | | | | 2000/39/EC |
| GB | orthophosphoric acid | 7664-38-2 | WEL | | 1 | | 2 | | | | EH40/2005 |

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours
time-weighted average (unless otherwise specified)

| Relevant DNELs of components | | | | | | |
|------------------------------|------------|----------|-----------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| Hexyl D-glucoside | 54549-24-5 | DNEL | 420 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Hexyl D-glucoside | 54549-24-5 | DNEL | 595,000 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

| Relevant PNECs of components | | | | | | |
|------------------------------|------------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 0.176 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 0.018 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 100 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 0.722 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 0.072 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Hexyl D-glucoside | 54549-24-5 | PNEC | 0.654 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.

Individual protection measures (personal protective equipment)

Eye/face protection

- Work with safety glasses.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Wear protective gloves. Chemical protection gloves are suitable, which are tested according to EN 374. 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

- 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 | yellow |
| Odour | characteristic |
| Melting point/freezing point | -19 °C |
| Boiling point or initial boiling point and boiling | 150 °C |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

| | |
|---------------------------------|---|
| range | |
| Flammability | non-combustible |
| Lower and upper explosion limit | non-combustible |
| Flash point | not relevant |
| Auto-ignition temperature | 270 °C |
| Decomposition temperature | not relevant |
| pH (value) | 1.5 (in aqueous solution: 1 % (^W / _W)) (acid) |
| Kinematic viscosity | not relevant |
| Solubility(ies) | easily soluble |

Partition coefficient

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

| | |
|-----------------|------------------|
| Vapour pressure | 210 hPa at 20 °C |
|-----------------|------------------|

Density and/or relative density

| | |
|-------------------------|--|
| Density | 1.27 g/cm ³ 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 | there is no additional information |
| 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". Substance or mixture corrosive to metals.

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.

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

10.5 Incompatible materials

There is no additional information.

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.

GHS of the United Nations, annex 4: May be harmful if swallowed.

| Acute toxicity estimate (ATE) of components | | | |
|---|-----------|----------------|-------------|
| Name of substance | CAS No | Exposure route | ATE |
| phosphoric acid | 7664-38-2 | oral | 1,250 mg/kg |

| Acute toxicity of components | | | | | |
|------------------------------|-----------|----------------|----------|-------------|---------|
| Name of substance | CAS No | Exposure route | Endpoint | Value | Species |
| phosphoric acid | 7664-38-2 | oral | LD50 | 1,250 mg/kg | mouse |
| phosphoric acid | 7664-38-2 | dermal | LD50 | 2,740 mg/kg | rabbit |

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

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.

11.2 Information on other hazards

There is no additional information.

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10Date of compilation:
Revision: 2025-02-10**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.

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 4 irritant - skin irritation and eye damage
HP 6 acute toxicity
HP 8 corrosive

List of wastes

- Product
20 01 29* detergents containing hazardous substances

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**14.1 UN number or ID number**

| | |
|-----------|---------|
| ADR/RID | UN 1805 |
| IMDG-Code | UN 1805 |
| ICAO-TI | UN 1805 |

14.2 UN proper shipping name

| | |
|-----------|---------------------------|
| ADR/RID | PHOSPHORIC ACID, SOLUTION |
| IMDG-Code | PHOSPHORIC ACID, SOLUTION |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

ICAO-TI Phosphoric acid, solution

14.3 Transport hazard class(es)

| | |
|-----------|---|
| ADR/RID | 8 |
| IMDG-Code | 8 |
| ICAO-TI | 8 |

14.4 Packing group

| | |
|-----------|-----|
| ADR/RID | III |
| IMDG-Code | III |
| ICAO-TI | III |

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - Additional information

| | |
|---------------------|----|
| Classification code | C1 |
| Danger label(s) | 8 |



| | |
|-------------------------------|-----|
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 L |
| Transport category (TC) | 3 |
| Tunnel restriction code (TRC) | E |
| Hazard identification No | 80 |
| Emergency Action Code | 2R |

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) - Additional information

| | |
|---------------------|----|
| Classification code | C1 |
| Danger label(s) | 8 |



| | |
|--------------------------|-----|
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 L |
| Transport category (TC) | 3 |
| Hazard identification No | 80 |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant -
Danger label(s) 8



Special provisions (SP) 223
Excepted quantities (EQ) E1
Limited quantities (LQ) 5 L
EmS F-A, S-B
Stowage category A
Segregation group 1 - Acids

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

Danger label(s) 8



Special provisions (SP) A3
Excepted quantities (EQ) E1
Limited quantities (LQ) 1 L

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)

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 | 0 % |
|-------------|-----|

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

Water Framework Directive (WFD)

none of the ingredients are listed

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

National regulations (GB)

Restrictions according to GB REACH, Annex 17

none of the ingredients are listed

| Dangerous substances with restrictions (GB REACH, Annex 17) | | | |
|---|--|--------|----|
| Name of substance | Name acc. to inventory | CAS No | No |
| Interflon LeafGuard®-Clean OTR | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 3 |

National inventories

| Country | Inventory | Status |
|---------|------------|--------------------------------|
| CA | DSL | all ingredients are listed |
| EU | REACH Reg. | not all ingredients are listed |
| US | TSCA | 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.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---------------------------|---|-----------------|
| 1.4 | | Poison centre: change in the listing (table) | yes |
| 2.2 | | - Precautionary statements: change in the listing (table) | yes |
| 2.3 | | Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$. | yes |
| 2.3 | | Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$. | yes |
| 3.2 | | Hazardous ingredients: change in the listing (table) | yes |
| 3.2 | | Concentration limit, M-Factor, ATE | yes |
| 3.2 | | Regulation 648/2004/EC on detergents | yes |
| 3.2 | | Regulation 648/2004/EC on detergents: change in the listing (table) | yes |
| 3.2 | | Remarks: For full text of Hazard- and EU Hazard-statements: see SECTION 16. | yes |
| 8.1 | | Occupational exposure limit values (Workplace Exposure Limits): not relevant | yes |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---|---|-----------------|
| 8.1 | | Relevant DNELs of components: change in the listing (table) | yes |
| 8.1 | | Relevant PNECs of components: change in the listing (table) | yes |
| 8.2 | Eye/face protection: Use safety goggle with side protection. | Eye/face protection: Work with safety glasses. | yes |
| 8.2 | Hand protection: Wear protective gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Check leak-tightness/impermeability prior to use. Type of material. NBR: acrylonitrile-butadiene rubber. CR: chloroprene (chlorobutadiene) rubber. PVC: polyvinyl chloride. | Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Wear protective gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Type of material. NBR: acrylonitrile-butadiene rubber. CR: chloroprene (chlorobutadiene) rubber. PVC: polyvinyl chloride. | yes |
| 9.1 | Melting point/freezing point: 30 °C | Melting point/freezing point: -19 °C | yes |
| 9.1 | Lower and upper explosion limit: not determined | Lower and upper explosion limit: non-combustible | yes |
| 9.1 | Flash point: not determined | Flash point: not relevant | yes |
| 9.1 | Kinematic viscosity: not determined | Kinematic viscosity: not relevant | yes |
| 9.1 | Solubility(ies): not determined | Solubility(ies): easily soluble | yes |
| 9.1 | Partition coefficient n-octanol/water (log value): this information is not available | Partition coefficient n-octanol/water (log value): not relevant | yes |
| 9.1 | Relative vapour density: information on this property is not available | Relative vapour density: information on this property is not available / not relevant | yes |
| 11.1 | | Acute toxicity estimate (ATE) of components: change in the listing (table) | yes |
| 11.1 | | Acute toxicity of components: change in the listing (table) | yes |
| 12.6 | Endocrine disrupting properties: None of the ingredients are listed. | Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$. | yes |
| 13.1 | Sewage disposal-relevant information: Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets. | Sewage disposal-relevant information: Do not empty into drains. | yes |
| 13.1 | Waste treatment of containers/packagings: It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. | 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. | yes |
| 13.1 | | Properties of waste which render it hazardous: change in the listing (table) | yes |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---------------------------|--|-----------------|
| 15.1 | | National regulations (GB) | yes |
| 15.1 | | Restrictions according to GB REACH, Annex 17: none of the ingredients are listed | yes |
| 15.1 | | Dangerous substances with restrictions (GB REACH, Annex 17): change in the listing (table) | yes |
| 16 | | Abbreviations and acronyms: change in the listing (table) | yes |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|------------|---|
| 2000/39/EC | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC |
| 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) |
| ATE | Acute Toxicity Estimate |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| 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 |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| 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 |
| ICAO-TI | Technical instructions for the safe transport of dangerous goods by air |
| IMDG | International Maritime Dangerous Goods Code |
| IMDG-Code | 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 |
| IOELV | Indicative occupational exposure limit value |

Interflon LeafGuard®-Clean OTR

Version number: 1.6

date of issue
2025-02-10

Date of compilation:
Revision: 2025-02-10

| Abbr. | Descriptions of used abbreviations |
|-------------|--|
| LD50 | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval |
| Met. Corr. | Substance or mixture corrosive to metals |
| 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 |
| ppm | Parts per million |
| 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 |
| STEL | Short-term exposure limit |
| STOT SE | Specific target organ toxicity - single exposure |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

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 |
|------|--|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

Disclaimer

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