

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

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

- **1.1 Product identifier**
- **Trade name:** *Interflon Eco Degreaser*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** *Degreaser*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Interflon b.v.
P.O. Box 1070
NL-4700 BB Roosendaal
The Netherlands
Tel: +31(0)165.55.39.11
Email: service@interflon.com
www.interflon.com
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:** *Tel: +31 (0)165 55 39 11 (Monday to Friday from 8:30am to 17:00pm)*

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Additional information:**
Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Material does not meet the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII.*
- **vPvB:** *Material does not meet the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII.*

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** *Mixture of surface-active substances, enzymes and water.*

· **Dangerous components:**

CAS: 5131-66-8	3-butoxypropan-2-ol	2.5 – < 6%
EINECS: 225-878-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Reg.nr.: 01-2119475527-28		
CAS: 26183-52-8	Decan-1-ol, ethoxylated	2.5 – < 4%
	Acute Tox. 4, H302; Eye Irrit. 2, H319	

· **SVHC**

This product does not contain "very worrisome substances" (SVHC) that are very dangerous to human health or the environment. (SVHC <0.1% (w / w) Regulation (EC) No. 1907/2006 (REACH), Article 57).

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

non-ionic surfactants	<5%
enzymes	

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

· **Additional information:** See SDS Section 16 for full text of hazard statements.

(Contd. of page 1)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
Acute and delayed effects are indicated in sections 2 and 11.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions
CO₂, sand, powder, water spray.
Foam
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Use personal protective equipment (EN469).
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Dilute with plenty of water.
- **6.3 Methods and material for containment and cleaning up:**
Clear spills immediately.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

(Contd. of page 2)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in accordance with local/regional/national/international regulations.
Keep container tightly closed.
Store in a dry place.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Not required.
- **Protection of hands:**
No chemical-protective gloves required.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
Not required.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Practical experience has shown that gloves of neoprene, Nitril and PVC offer sufficient protection.
Breakthrough time: < 60 minutes
- **Penetration time of glove material**
Not required.
The penetration times are not determined by method EN 374 Part 3.
- **Eye protection:** Goggles (EN166) recommended during refilling
- **Body protection:** Wear suitable protective clothing (EN ISO 13688).

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
Form: Liquid

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

(Contd. of page 3)

· Colour:	Light green
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C:	11
· Change in condition	
Melting point/freezing point:	0 °C Not applicable.
Initial boiling point and boiling range:	103 °C
· Flash point:	> 100 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	260 °C
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C:	0.99 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No reactivity hazards known under normal storage and use conditions.
- **10.2 Chemical stability** Stable under normal storage and use conditions.
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidising agents.
- **10.6 Hazardous decomposition products:**
In case of thermal degradation hazardous gases may be formed (for example CO, CO₂ and NO_x).

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

(Contd. of page 4)

· LD/LC50 values relevant for classification:

5131-66-8 3-butoxypropan-2-ol

Oral LD50 3771 mg/kg (Rat)

· Primary irritant effect:

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.

· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

· **Subacute to chronic toxicity:** No further relevant information available.

· **STOT SE (Specific target organ toxicity – single exposure):** No further relevant information available.

· **STOT RE (Specific target organ toxicity – repeated exposure):** No further relevant information available.

· **Additional toxicological information:** No further relevant information available.

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

This product does not fulfil the criteria for classification of CMR (carcinogen, mutagen, toxic to reproduction).

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

· 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

5131-66-8 3-butoxypropan-2-ol

Biodegradability 89 % (-)

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Material does not meet the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII.

· **vPvB:** Material does not meet the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Waste should not be disposed of by release to sewers. Final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

(Contd. of page 5)

· European waste catalogue

20 01 30 | detergents other than those mentioned in 20 01 29

· Uncleaned packaging:
· Recommendation:

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number
· ADR, ADN, IMDG, IATA Void

· 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA Void

· 14.3 Transport hazard class(es)
· ADR, ADN
· Class Void

· 14.4 Packing group
· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

Not applicable.

· 14.6 Special precautions for user

Not applicable.

**· 14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code**

Not applicable.

· UN "Model Regulation":

Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
· Directive 2012/18/EU
· Named dangerous substances - ANNEX I None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 ANNEX XVII None of the ingredients are listed.

· National regulations:
· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

· Relevant phrases (code and full text as stated in chapter 3)

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

H302 Harmful if swallowed.

H315 Causes skin irritation.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2019

Version number 2

Revision 04.06.2019

Trade name: Interflon Eco Degreaser

(Contd. of page 6)

H319 Causes serious eye irritation.

· **Department issuing SDS:** Product safety department.

· **Contact:**

*Head Laboratory**Email: service@interflon.com*

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**LC50: Lethal Concentration, 50 percent**LD50: Lethal Dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**SVHC: Substances of Very High Concern**vPvB: very Persistent and very Bioaccumulative**REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals**CLP: Classification, Labelling and Packaging of substances and mixtures**EC50: Effective Concentration, 50 percent**IC50: Inhibitory Concentration, 50 percent**LL/EL/IL: Lethal Loading/Exposure Limit/Inhibition Limit**LL50: Lethal Loading, 50 percent**EL50: Effective Loading, 50 percent**IL50: Inhibitory Level, 50 percent**NOEC/NOEL: No Observed Effect Concentration / No Observed Effect Level**OECD: Organisation for Economic Cooperation and Development**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

· **Key literature references and sources for data:**

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

- ECHA database on registered substances

- EU IUCLID Database

- Material suppliers' data

· *** Data compared to the previous version altered.**