

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.12.2018

Version number 4

Revision 20.12.2018

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

- **1.1 Product identifier**
- **Trade name:** *Interflon Power Wipes*
- **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** *Industrial cleaner*
- **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:** *UK National Poisons Emergency number: +44 870 600 6266*

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
*P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Additional information:**
Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.
- **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:** *Blend of solvents, surface-active substances and water.*

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· Dangerous components:		
EC number: 931-329-6 Reg.nr.: 01-2119490100-53	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315	0.25 – ≤ 2.5%
CAS: 9005-65-6 NLP: 500-019-9	Sorbitan monooleate, ethoxylated Aquatic Chronic 3, H412	0.1 – ≤ 2.5%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: 01-2119529223-47	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	0.25 – ≤ 1%

· 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, d-limonene, α-hexylcinnamaldehyde, COUMARIN	<5%
perfumes, preservation agents (DIAZOLIDINYL UREA)	

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

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** If skin irritation or rash occurs: Get medical advice/attention.
- **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.

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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.

Inform respective authorities in case of seepage into water course or sewage system.

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.*

· 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.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

· Respiratory protection: *Not required.*

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· **Protection of hands:**

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

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.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

· **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: Wet towel

Colour: White

· **Odour:** citrus

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 100 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** Not determined.

· **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:** Not determined.

· **Density at 20 °C:** 1 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:**

Fully miscible.

· **Viscosity:**

Dynamic: Not determined.

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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.

· **LD/LC50 values relevant for classification:**

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Oral	LD50	> 5000 mg/kg (Rat) (OECD 401)
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5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	> 4800 mg/kg (Rat)
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- **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** Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.
- **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:**
Harmful to aquatic life with long lasting effects.

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5989-27-5 (R)-p-mentha-1,8-diene

LC50 96 hr 0.7 mg/l (Fish)

EC50 48 hr 0.73 mg/l (Daphnia)

· 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.

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· Ecotoxicological effects:

· Remark: Harmful to fish

· Additional ecological information:

· General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· 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.

· European waste catalogue

20 01 29*	detergents containing hazardous substances
15 01 02	plastic packaging
HP 14	Ecotoxic

· 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

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· 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** Conditions of restriction: 3, 40
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): 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.*
- H226 Flammable liquid and vapour.
- 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.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

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· Classification according to Regulation (EC) No 1272/2008

Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· 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

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· 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.