

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/28/2015

Reviewed on 05/28/2015

1 Identification

- **Product identifier**
- **Trade name:** *Interflon Fin Super (aerosol)*
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** *Lubricant*
- **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
Fax: +31(0)165.53.80.82
Email: service@interflon.com
www.interflon.com*
Manufacturer:
*Interflon b.v.
P.O. Box 1070
NL-4700 BB Roosendaal
The Netherlands
Tel: +31(0)165.55.39.11
Fax: +31(0)165.53.80.82
Email: service@interflon.com
www.interflon.com*

Supplier:
*Interflon USA
555 Route 78
Suite 403
Swanton, Vermont
05488 USA
Tel. 1 877 FIN LUBE (toll free)
Fax: 1 877 491 7981*
- **Information department:** *Product safety department*
- **Emergency telephone number:**
*1-800-255-3924
Tel: +31 (0)165 55 39 11 (Monday to Friday from 8:30am to 17:00pm)*

2 Hazard(s) identification

- **Classification of the substance or mixture**
*Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
Eye Irrit. 2A H319 Causes serious eye irritation.*
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

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Trade name: Interflon Fin Super (aerosol)

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· **Hazard pictograms**



· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

White mineral oil (petroleum)

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P280 Wear protective gloves / eye protection / face protection.

P264 Wash thoroughly after handling.

P301+P310 If swallowed: Immediately call a poison center/doctor.

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.

P331 Do NOT induce vomiting.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



· **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.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:**

Blend of mineral and vegetable oils, solvent, additives and Teflon®. Propellant gas propane, butane and isobutane.

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· Dangerous components:		
EC number: 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)	25-50%
CAS: 106-97-8 EINECS: 203-448-7	butane (Nota K, <0,1% 1,3-butadiene)	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane	10-25%
EC number: 918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)	10-25%
CAS: 75-28-5 EINECS: 200-857-2	isobutane (Nota K, <0,1% 1,3-butadiene)	2.5-10%
CAS: 110-25-8 EINECS: 203-749-3	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	≤ 2.5%
CAS: 61790-85-0 NLP: 500-149-6	Amines, N-tallow alkyltrimethylenedi-, ethoxylated	≤ 2.5%
CAS: 9046-09-7	Polyethylene glycol mono tributylphenyl ether	≤ 2.5%
	Long-chain alkenyl amine	≤ 2.5%

· Additional information:

Note: Any entry in the EC column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 16 for additional CAS number information for the substance.

For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

· Description of first aid measures

· **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. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

CO₂, sand, powder, water spray.

Foam

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Hydrogen fluoride and other fluoride compounds.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

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Use personal protective equipment.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Remove residues with alkaline cleaning agent.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Store in a cool and dry place.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

• **Components with limit values that require monitoring at the workplace:**

106-97-8 butane (Nota K, <0,1% 1,3-butadiene)

REL Long-term value: 1900 mg/m³, 800 ppm

TLV Short-term value: 2370 mg/m³, 1000 ppm

74-98-6 propane

PEL Long-term value: 1800 mg/m³, 1000 ppm

REL Long-term value: 1800 mg/m³, 1000 ppm

TLV refer to Appendix F: minimal oxygen content

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75-28-5 isobutane (Nota K, <0,1% 1,3-butadiene)

TLV Short-term value: 2370 mg/m³, 1000 ppm

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Wash hands before breaks and at the end of work.

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

· **Breathing equipment:**

Do not breathe vapour and sprayer mist.

Ventilation or extraction.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

For prolonged or repeated skin contact use suitable protective gloves.

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



Protective gloves

· **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.

Practical experience has shown that gloves of Nitril offer sufficient protection.

Glove thickness: 0,13 mm

Breakthrough time: > 15 minutes

· **Penetration time of glove material** The penetration times are not determined by method EN 374 Part 3.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Aerosol

Color: yellow brown

· **Odor:** Oily

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· Odour threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition	
Melting point/Melting range:	Not applicable.
Boiling point/Boiling range:	< 0 °C (< 32 °F)
· Flash point:	< -60 °C (< -76 °F)
· Flammability (solid, gaseous):	Flammable.
· Ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	0.6 Vol %
Upper:	10.0 Vol %
· Vapor pressure at 20 °C (68 °F):	4200 hPa (3150 mm Hg)
· Density at 20 °C (68 °F):	0.71 g/cm ³ (5.925 lbs/gal)
· Relative density	Not determined.
· Vapour density at 20 °C (68 °F)	1.6 - 2.0 g/cm ³ (13.352 - 16.69 lbs/gal)
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
VOC content:	31.9 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
Conditions to be avoided: sun-ray, temperatures above 50 °C, open fire, piercing can.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong oxidising agents.
- **Hazardous decomposition products:**
Carbon monoxide and partially combusted carbohydrates can be released during thermal decomposition.
Fluoride compounds can be released from 400 °C.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** No further relevant information available.

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Causes serious eye irritation.

· **Sensitization:** No sensitizing effects known.

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

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever, which has flu-like symptoms in humans, especially when smoking contaminated tobacco.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

9002-84-0 Polytetrafluoroethylene

3

106-99-0 1,3-butadiene

1

14808-60-7 Quartz (SiO₂)

1

· **NTP (National Toxicology Program)**

106-99-0 1,3-butadiene

K

14808-60-7 Quartz (SiO₂)

K

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

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

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

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

· **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.

· **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.

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

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:**
Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

- | | |
|---|---------------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | UN1950 |
| · UN proper shipping name | |
| · DOT | Aerosols, flammable |
| · ADR | 1950 Aerosols |
| · IMDG | AEROSOLS |
| · IATA | AEROSOLS, flammable |
| · Transport hazard class(es) | |
| · DOT | |
|  | |
| · Class | 2.1 |
| · Label | 2.1 |
| | |
| · ADR | |
|  | |
| · Class | 2 5F Gases |
| · Label | 2.1 |
| | |
| · IMDG, IATA | |
|  | |
| · Class | 2.1 |
| · Label | 2.1 |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Warning: Gases |
| · Danger code (Kemler): | - |

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- | | |
|--|-----------------------|
| · EMS Number: | F-D,S-U |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | UN1950, Aerosols, 2.1 |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

106-99-0 | 1,3-butadiene

· **TSCA (Toxic Substances Control Act):**

106-97-8	butane (Nota K, <0,1% 1,3-butadiene)
74-98-6	propane
75-28-5	isobutane (Nota K, <0,1% 1,3-butadiene)
68002-72-2	Glycerides, C14-26
110-25-8	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine
122-32-7	propane-1,2,3-triyl trisoctadec-9-enoate
61790-85-0	Amines, N-tallow alkyltrimethylenedi-, ethoxylated
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic (Nota L, -R45, <3% dimethyl sulfoxide)
9002-84-0	Polytetrafluoroethylene
9046-09-7	Polyethylene glycol mono tributylphenyl ether
8042-47-5	Mineral oil (petroleum)
106-99-0	1,3-butadiene
14808-60-7	Quartz (SiO2)
7732-18-5	water, distilled, conductivity or of similar purity

· **Proposition 65**

· **Chemicals known to cause cancer:**

106-99-0	1,3-butadiene
14808-60-7	Quartz (SiO2)

· **Chemicals known to cause reproductive toxicity for females:**

106-99-0 | 1,3-butadiene

· **Chemicals known to cause reproductive toxicity for males:**

106-99-0 | 1,3-butadiene

· **Chemicals known to cause developmental toxicity:**

106-99-0 | 1,3-butadiene

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

106-99-0 | 1,3-butadiene

· **TLV (Threshold Limit Value established by ACGIH)**

106-99-0 | 1,3-butadiene

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14808-60-7	Quartz (SiO ₂)
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
106-99-0	1,3-butadiene
14808-60-7	Quartz (SiO ₂)

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Nota P, -R45, <0,1% benzene)

White mineral oil (petroleum)

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P280 Wear protective gloves / eye protection / face protection.

P264 Wash thoroughly after handling.

P301+P310 If swallowed: Immediately call a poison center/doctor.

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.

P331 Do NOT induce vomiting.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

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

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

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.

The following substance(s) in this product is (are) identified by the CAS number(s) shown in countries not subject to the REACH regulation.

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics: CAS 64742-48-9

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics: CAS 64742-47-8

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

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· Contact:

Head Laboratory

Email: service@interflon.com**· Date of preparation / last revision 05/28/2015 / 2****· 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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

· * Data compared to the previous version altered.