

Interflon Food Lube G680**Version number:**

6.3

Replaces version: 5:

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Section 1 – Identification**1.1 Product identifier**

Trade name

Interflon Food Lube G680**1.2 Recommended use of the chemical and restrictions on use**

Relevant identified uses

Industrial use

Scope

lubricant

1.3 Manufacturer or supplier details

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)

Service@Interflon.com

1.4 Emergency phone number

+31 (0)165 55 39 11 (Monday to Friday from 8:30am to 17:00pm).

Section 2 – Hazard identification**2.1 Classification of the substance or mixture**

Classification acc. to GHS

This mixture does not meet the criteria for classification.

2.2 GHS label elements, including precautionary statements

Labelling

not required

2.3 Other hazards which do not result in classification

Results of PBT and vPvB assessment

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

Substance of Very High Concern (SVHC)

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

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 synthetic oils, additives and Micpol®

Hazardous ingredients

none

Remarks

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

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Section 4 – First-aid measures**4.1 Description of necessary first aid measures****General notes**

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

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

Following skin contact

Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

none

Section 5 – Fire-fighting measures**5.1 Suitable extinguishing media****Suitable extinguishing media**

Water spray, Water mist, Fire extinguishing powder, Carbon dioxide (CO₂), Carbon dioxide (CO₂), Alcohol resistant foam

Unsuitable extinguishing media

Water jet

5.2 Specific hazards arising from the chemical

May produce toxic fumes of carbon monoxide if burning.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Special protective actions for fire fighters

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****6.1.1 For non-emergency personnel**

Remove persons to safety. Special danger of slipping by leaking/spilling product.

6.1.2 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 materials for containment and cleaning up**Advice on how to contain a spill**

Covering of drains

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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 / Occupational exposure limits****8.2 Exposure controls****General safety precautions**

Do not breathe gas/vapour/spray. Wash hands after use.

8.2.2 Individual protection measures (personal protective equipment)**Eye/face protection**

Work with safety glasses. Avoid contact with eyes.

Skin protection**- Hand protection**

Not applicable.

- 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.

Environmental exposure controls

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

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Section 9 – Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state	liquid
Colour	light yellow
Particle	not relevant (liquid)
Odour	Like oil

Other safety parameters

pH (value)	not determined
Melting point/freezing point	-39 °C
Initial boiling point and boiling range	not determined
Flash point	260 °C
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	non-combustible
Vapour pressure	not determined
Density	0,94 g/cm ³ at 20 °C
Vapour density	this information is not available
Relative density	information on this property is not available / not relevant
Solubility(ies)	easily soluble

Partition coefficient

- n-octanol/water (log KOW)	not relevant
Auto-ignition temperature	

Viscosity

- Kinematic viscosity	680 cSt at 40 °C not relevant
Explosive properties	none
Oxidising properties	none
9.2 Other information	there is no additional information

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Section 10 – Stability and reactivity**10.1 Reactivity**

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

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

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, Strong 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

This mixture does not meet the criteria for classification.

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

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.

Section 12 – Ecological information**12.1 Toxicity**

Shall not be classified as hazardous to the aquatic environment.

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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.

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 | not subject to transport regulations |
| 14.2 UN proper shipping name | not relevant |
| 14.3 Transport hazard class | none |
| 14.4 Packing group, if applicable | not assigned |
| 14.5 Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for users | There is no additional information. |
| 14.7 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**Inland transport of dangerous goods**

Not subject to ADR.

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.

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Section 15 – Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

There is no additional information.

National inventories

Country	Inventory	Status
CA	DSL	all ingredients are listed
EU	REACH Reg.	all ingredients are listed or exempt from listing
US	TSCA	all ingredients are listed (ACTIVE)
AU	AIIC	all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	all ingredients are listed

Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
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
1.2		Scope: lubricant	yes
1.3	e-mail (competent person):	e-mail (competent person):	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
	Service@interflon.com (Service lab)	Service@Interflon.com	
1.4	Emergency telephone number	Emergency phone number: +31 (0)165 55 39 11 (Monday to Friday from 8:30am to 17:00pm).	yes
1.4	Official advisory body: Poison centre		yes
2.3		Substance of Very High Concern (SVHC): This product does not contain "Substances of Very High Concern" (SVHC) that are very dangerous to human health or the environment. (SVHC <0.1% (w / w) Regulation (EC) No. 1907/2006 (REACH), Article 57).	yes
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.	yes
3.2	Product description: Mixture of mineral and synthetic oils, additives and Micpol®For full text of Hazard- and EU Hazard-statements: see SECTION 16.		yes
3.2		Remarks: For full text of Hazard- and EU Hazard-statements: see SECTION 16.	yes
4.1	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.	General notes: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In all cases of doubt, or when symptoms persist, seek medical advice.	yes
4.1	Following skin contact: Wash with plenty of soap and water.	Following skin contact: Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.	yes
4.1	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 eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	yes
4.1	Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.	Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical advice/attention if you feel unwell.	yes
5.1	Suitable extinguishing media: Water spray, BC-powder, Carbon dioxide (CO2)	Suitable extinguishing media: Water spray, Water mist, Fire extinguishing powder, Carbon dioxide (CO2), Carbon dioxide (CO2), Alcohol resistant foam	yes
5.2	Special hazards arising from the substance or mixture	Specific hazards arising from the chemical: May produce toxic fumes of carbon monoxide if burning.	yes
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.	Special protective actions for fire fighters: 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.	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
6.1.1	For non-emergency personnel: Remove persons to safety.	For non-emergency personnel: Remove persons to safety. Special danger of slipping by leaking/spilling product.	yes
7.1	Advice on general occupational hygiene: Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.	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.	yes
7.2		Conditions of storage: Store in accordance with local/regional/national/international regulations. Keep container tightly closed and in a well-ventilated place.	yes
7.2		Managing of associated risks	yes
7.2		- Flammability hazards: Keep in a cool place.	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.2	General safety precautions: Use only in well-ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.	General safety precautions: Do not breathe gas/vapour/spray. Wash hands after use.	yes
8.2.2	Eye/face protection: Wear eye/face protection.	Eye/face protection: Work with safety glasses. Avoid contact with eyes.	yes
8.2.2	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.	Hand protection: Not applicable.	yes
9.1		Particle: not relevant (liquid)	yes
9.1	Odour: odourless	Odour: Like oil	yes
9.1	Melting point/freezing point: not determined	Melting point/freezing point: -39 °C	yes
9.1	Flash point: not determined	Flash point: 260 °C	yes
9.1	Explosive limits: not determined	Explosive limits: non-combustible	yes
9.1		Relative density: information on this property is not available / not relevant	yes
9.1	Solubility(ies): not determined	Solubility(ies): easily soluble	yes
9.1	- n-octanol/water (log KOW):	- n-octanol/water (log KOW):	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
	this information is not available	not relevant	
9.1	Auto-ignition temperature: ≥325 °C (auto-ignition temperature (liquids and gases))	Auto-ignition temperature	yes
9.1	Kinematic viscosity: 680 cSt at 40 °C	Kinematic viscosity: 680 cSt at 40 °C not relevant	yes
9.1	Dynamic viscosity: 2.130 mPa s at 20 °C		yes
10.5	Incompatible materials: Oxidisers	Incompatible materials: Oxidisers, Strong oxidisers	yes
10.6	Hazardous decomposition products: Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.	Hazardous decomposition products: Hazardous combustion products: see section 5.	yes
12.5	Results of PBT and vPvB assessment: Data are not available.	Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	yes
12.6	Endocrine disrupting potential: None of the ingredients are listed.	Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.	yes
12.7	Other adverse effects	Other adverse effects: Data are not available.	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: 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
14.3	Transport hazard class(es): not assigned	Transport hazard class: none	yes
14.7	Inland transport of dangerous goods - ADR: Not subject to ADR. Not subject to RID.	Inland transport of dangerous goods: Not subject to ADR.	yes
15.1		National inventories	yes
15.1		National inventories: change in the listing (table)	yes
16		Abbreviations and acronyms: change in the listing (table)	yes
16	Key literature references and sources for data: Singapore Standard SS 586 - 2: Specification for hazard communication for hazardous chemicals and dangerous goods - Globally harmonised system of classification and labelling of chemicals - Singapore's adaptations.UN Recommendations on the Transport of Dangerous Goods. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).	Key literature references and sources for data: Singapore Standard SS 586 - 2: Specification for hazard communication for hazardous chemicals and dangerous goods - Globally harmonised system of classification and labelling of chemicals - Singapore's adaptations.UN Recommendations on the Transport of Dangerous Goods. Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).	yes

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Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
DGR	Dangerous Goods Regulations (see IATA/DGR)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
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
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Singapore Standard SS 586 - 2: Specification for hazard communication for hazardous chemicals and dangerous goods - Globally harmonised system of classification and labelling of chemicals - Singapore's adaptations.
UN Recommendations on the Transport of Dangerous Goods. Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). 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).

Disclaimer

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