

Material Safety Data Sheet

Completed 16-09-2025
Revision: (date) 03-10-2025
SDS version 1.1

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

1.1. Product Identifier

Trade Name: Furex Step 1
Product- no.: -
UFI: U1XE-3PVW-400Q-SDY4

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

Recommended uses:

Fur care for animals.

Uses advised against:

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address:

Heiniger AG
Industrieweg 8
3360, Herzogenbuchsee
Switzerland
+41 62 956 92 00
www.heiniger-barber-stylist.com

Heiniger AG
Centervej 2
6000, Kolding
Denmark
+45 75 54 08 24

Heiniger UK Ltd.
Conygarth Way, Leeming Bar
DL7 9EE
United Kingdom
+44 1677 938870
www.heiniger.co.uk

Contact person and E-mail:

info@heiniger.com

The Safety data sheet is completed and validated by:

Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: MKH

1.4. Emergency telephone number

Use your national or local emergency number - For "First aid measures" see section 4.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP (1272/2008):
Eye Irrit. 2;H319
Aquatic Chronic 3;H412

See full text of H-phrases in section 16.

2.2. Label elements



Signal word:

Warning

Causes serious eye irritation. (H319)

Harmful to aquatic life with long lasting effects. (H412)

Contains Orange Oil, d-Limonene, Hexyl Salicylate, Galbanum Oil, Methylisothiazolinone. May produce an allergic reaction. (EUH 208)

Avoid release to the environment. (P273)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338)

If eye irritation persists: Get medical advice/attention. (P337 + P313)

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2.3. Other hazards

The product contains a substance which is a suspected reproductive hazard.

Additional labelling:

Product treated with a biocidal product. Contains: Methylisothiazolinone added to ensure durability.

Additional warnings

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SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Ammonium Laureth Sulfate	- / -	67762-19-0	500-172-1	Skin Irrit. 2;H315, Eye Irrit. 2;H319	5 - < 10	-
Ammonium Lauryl Sulfate	- / -	2235-54-3	218-793-9	Acute Tox. 4;H302, Eye Irrit. 2;H319	5 - < 10	-
Acrylates Copolymer	- / -	25212-88-8	607-646-8	Acute Tox. 4;H332	1 - < 3	-
Cyclopentasiloxane	- / -	541-02-6	208-764-9	-	< 0,5	1, 2, 3
Orange Oil	- / 01-2119493353- 35-xxxx	8028-48-6	232-433-8	Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin Irrit. 2;H315, Skin Sens. 1;H317, Aquatic Chronic 3;H412	< 0,5	-
d-Limonene	601-029-00-7 / 01- 2119529223-47- xxxx	5989-27-5	227-813-5	Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Acute 1;H400 M=1, Aquatic Chronic 3;H412	< 0,5	-
Hexyl Salicylate	- / 01-2119638275- 36-xxxx	6259-76-3	228-408-6	Skin Sens. 1;H317, Repr. 2;H361d	< 0,25	-
Galbanum Oil	- / -	8023-91-4	639-669-4	Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin Sens. 1;H317, Aquatic Acute 1;H400 M=1, Aquatic Chronic 1;H410 M=1	< 0,25	-
Guar Hydroxypropyltrimonium Chloride	- / -	65497-29-2	613-809-4	Aquatic Acute 1;H400 M=1, Aquatic Chronic 1;H410 M=1	< 0,25	-
Methylisothiazolinone	613-326-00-9 / -	2682-20-4	220-239-6	Acute Tox. 3;H301, Acute Tox. 3;H311, Skin Corr. 1B;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 M=10, Aquatic Chronic 1;H410 M=1 Skin Sens. 1A; H317: C ≥ 0,0015 %	< 0,5	-

- 1) The substance is a PBT/vPvB substance.
- 2) The substance is on the candidate list.
- 3) The substances has endocrine disrupting properties.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Seek fresh air.
Keep victim under observation.
Seek medical advice in case of discomfort.

Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.
Seek medical advice in case of discomfort.

Skin contact:

Remove contaminated clothing.
Wash skin with soap and water.
Seek medical advice in case of discomfort.

Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:

When obtaining medical advice, show the safety data sheet or label.

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4.2. Most important symptoms and effects, both acute and delayed

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

4.3. Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Surrounding fire:

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

Hazardous fumes are formed in fire conditions.

Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters

Fire fighters should wear appropriate protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8 for type of protective equipment.

Avoid breathing and contact with skin and eyes.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.

Use the product under well-ventilated conditions.

Running water and eye wash equipment should be available.

7.2. Conditions for safe storage, including any incompatibilities

The product must be stored safely and away from food, animal feeding stuffs, medicines, etc.

Keep in tightly closed original packaging.

7.3. Specific end use(s)

See application section 1.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Indicative occupational exposure limit value (IOELV)

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DNEL/PNEC-values:

DNEL Cyclopentasiloxane

	Workers	Consumers
Inhalation - Chronic Systemic	97,3 mg/m ³	17,3 mg/m ³
Inhalation - Chronic Local	24,2 mg/m ³	4,3 mg/m ³
Oral - Chronic Systemic	-	5 mg/kg bw/day

DNEL Orange Oil

	Workers	Consumers
Inhalation - Chronic Systemic	31,1 mg/m ³	7,78 mg/m ³
Dermal - Chronic Systemic	8,89 mg/kg bw/day	4,44 mg/kg bw/day
Dermal - Chronic Local	185,8 µg/cm ²	92,9 µg/cm ²
Oral - Chronic Systemic	-	4,44 mg/kg bw/day

DNEL d-Limonene

	Workers	Consumers
Inhalation - Chronic Systemic	66,7 mg/m ³	16,6 mg/m ³
Dermal - Chronic Systemic	9,5 mg/kg bw/day	4,8 mg/kg bw/day
Oral - Chronic Systemic	-	4,8 mg/kg bw/day

DNEL Hexyl Salicylate

	Workers	Consumers
Inhalation - Chronic Systemic	5,37 mg/m ³	0,94 mg/m ³
Dermal - Chronic Systemic	13,93 mg/kg bw/day	6,96 mg/kg bw/day
Dermal - Chronic Local	885 µg/cm ²	442,5 µg/cm ²
Dermal - Acute Local	885 µg/cm ²	442,5 µg/cm ²
Oral - Chronic Systemic	-	0,54 mg/kg bw/day

DNEL Methylisothiazolinone

	Workers	Consumers
Inhalation - Chronic Local	0,021 mg/m ³	0,021 mg/m ³
Inhalation - Acute Local	0,043 mg/m ³	0,043 mg/m ³
Oral - Chronic Systemic	-	0,027 mg/kg bw/day
Oral - Acute Systemic	-	0,053 mg/kg bw/day

PNEC Cyclopentasiloxane

Fresh water	1,2 µg/L
Marine water	0,12 µg/L
Soil	2,54 mg/kg soil dw

PNEC Orange Oil

Fresh water	5,4 µg/L
Intermittent releases (Fresh water)	5,77 µg/L
Marine water	0,54 µg/L
Soil	0,261 mg/kg soil dw

PNEC d-Limonene

Fresh water	14 µg/L
Marine water	1,4 µg/L
Soil	0,763 mg/kg soil dw

PNEC Hexyl Salicylate

Fresh water	0,001 mg/L
Intermittent releases (Fresh water)	0,004 mg/L
Intermittent releases (Marine water)	0,004 mg/L
Soil	1,786 mg/kg soil dw

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PNEC Methylisothiazolinone

Fresh water	3,39 µg/L
Intermittent releases (Fresh water)	3,39 µg/L
Marine water	3,39 µg/L
Intermittent releases (Marine water)	3,39 µg/L
Soil	0,047 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wear the personal protective equipment specified below.
Wash hands before breaks, before using restroom facilities, and at the end of work.
Do not eat, drink or smoke when using this product.

Personal protective equipment:



Respiratory protection:

Generally not required.

Hand protection:

Wear protective gloves made of nitrile rubber (> 0,11 mm). Protective gloves conforming to EN 374.
Penetration time: > 240 min

Eye/face protection:

Wear safety goggles if there is a risk of eye splash.
Eye protection conforming to EN 166.

Skin protection:

Generally not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	-
Odour:	-
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	6.5 - 7.5
Kinematic viscosity (mm ² /s):	-
Solubility:	Miscible with water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

Viscosity:	4500-7500 cPs
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Cyclopentasiloxane	Oral	Rat	LD50	> 5000 mg/kg bw
Cyclopentasiloxane	Inhalation	Rat	LC50/ 4 Hours	8,67 mg/L air
Cyclopentasiloxane	Dermal	Rabbit	LD50	> 2000 mg/kg bw
Orange Oil	Oral	Rat	LD50	> 5000 mg/kg bw
Orange Oil	Dermal	Rabbit	LD50	> 5000 mg/kg bw
d-Limonene	Oral	Rat	LD50	>2000 mg/kg bw
Hexyl Salicylate	Oral	Rat	LD50	> 5000 mg/kg bw
Hexyl Salicylate	Dermal	Rabbit	LD50	> 5000 mg/kg bw
Methylisothiazolinone	Oral	Rat	LD50	120 mg/kg bw
Methylisothiazolinone	Inhalation	Rat	LC50/ 4 Hours	0,11 mg/L air
Methylisothiazolinone	Dermal	Rat	LD50	242 mg/kg bw

Skin corrosion/irritation:

May irritate the skin – may cause reddening.

Serious eye damage/irritation:

Irritating to eyes. Causes a burning sensation and tearing.

Respiratory or skin sensitisation:

Contains Orange Oil, d-Limonene, Hexyl Salicylate, Galbanum Oil, Methylisothiazolinone. May produce an allergic reaction.

Germ cell mutagenicity:

Based on the existing data, the classification is not met.

Carcinogenicity:

Based on the existing data, the classification is not met.

Reproductive toxicity:

Based on the existing data, the classification is not met.

STOT-single exposure:

Based on the existing data, the classification is not met.

STOT-repeated exposure:

Based on the existing data, the classification is not met.

Aspiration hazard:

Based on the existing data, the classification is not met.

11.2. Information on other hazards

The product contains substance(s), which are suspected to have endocrine disrupting properties.

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SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Cyclopentasiloxane	96 Hours	Fish	LC50	> 16 µg/L
Cyclopentasiloxane	48 Hours	Daphnia	EC50	> 2,9 µg/L
Cyclopentasiloxane	96 Hours	Algae	EC50	> 12 µg/L
d-Limonene	96 Hours	Fish	LC50	702 µg/L
d-Limonene	48 Hours	Daphnia	EC50	0,307 mg/L
d-Limonene	72 Hours	Algae	EC50	0,214 mg/L
Hexyl Salicylate	96 Hours	Fish	LC50	> 0,95 mg/L
Hexyl Salicylate	48 Hours	Daphnia	EC50	0,357 mg/L
Hexyl Salicylate	72 Hours	Algae	EC50	0,28 mg/L
Methylisothiazolinone	96 Hours	Fish	LC50	4,77 mg/L
Methylisothiazolinone	96 Hours	Daphnia	LC50	0,934 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Cyclopentasiloxane	No	OECD Guideline 310	28 Days 0,14%
d-Limonene	Yes	OECD Guideline 301 D	28 Days 80%
Hexyl Salicylate	Yes	OECD Guideline 301 F	28 Days 91%
Methylisothiazolinone	No	OECD Guideline 301 B	29 Days 54,1%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Cyclopentasiloxane	Yes	8,07
d-Limonene	Yes	4,38
Hexyl Salicylate	Yes	5,5
Methylisothiazolinone	No	-0,486

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product contains substances that meet the criteria for PBT.

12.6. Endocrine disrupting properties

The product contains substance(s), which are suspected to have endocrine disrupting properties.

12.7. Other adverse effects

Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC-Code	Description
16 03 05	Organic wastes containing hazardous substances

Specific labelling:

-

Contaminated packaging:

Empty packaging and residues can be disposed with household waste.

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SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.

ADR

-

IMDG/IATA

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Sources:

Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, EU 2017/164 and EU 2019/1831 (the first, second, third, fourth and fifth IOELV Directives).

Additional labelling:

-

Restrictions for application:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product. Young people above 15 years are exempted this rule, if the product is a part of an education/training. Special care should be applied for pregnant and lactating women.

Demands for specific education:

-

15.2. Chemical safety assessment

None.

SECTION 16: Other information

According to EU regulation 1907/2006 (REACH)

Other information:

Sources:

EC regulation 1907/2006 (REACH), with amendments.

EC Regulation 1272/2008 (CLP), with amendments.

Directive 2008/98/EC

ECHA - The European Chemicals Agency

Full text of H-phrases as mentioned in section 2+3:

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH 208	Contains Orange Oil, d-Limonene, Hexyl Salicylate, Galbanum Oil, Methylisothiazolinone. May produce an allergic reaction.

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Classification according to Regulation (EC) Nr. 1272/2008:

Eye Irrit. 2;H319	Calculation method
Aquatic Chronic 3;H412	Calculation method

Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:

General update.

This material safety data sheet replaces version:

1.0