

SAFETY DATA SHEET

R437A

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

1.1. Product identifier

Trade name

R437A

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

▼ Relevant identified uses of the substance or mixture

Refrigerant

Restricted to professional and industrial use.

Uses advised against

Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Company and address

Darment Oy

Ruosilantie 18

00390 Helsinki

Finland

+358 20 558 8250

www.darment.eu

E-mail

info@darment.fi

Revision

29/05/2026

▼ SDS Version

1.0

▼ Date of previous version

29/05/2026 (1.0)

1.4. Emergency telephone number

HUS Poison Information Center, 24h 0800 147 111

Poison Information Center / HUS, Tukholmankatu 17, 00029 HUS (Helsinki)

See first aid measures section 4.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Press. Gas (Liq.) ; H280, Contains gas under pressure; may explode if heated.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Contains gas under pressure; may explode if heated. (H280)

Precautionary statement(s)

General

Not applicable.

Prevention

Not applicable.

Response

Not applicable.

Storage

Protect from sunlight. Store in a well-ventilated place. (P410+P403)

Disposal

Not applicable.

Hazardous substances

1,1,1,2-Tetrafluoroethane

Pentafluoroethane

Butane

pentane

Additional labelling

Contains fluorinated greenhouse gases.

2.3. Other hazards

Additional warnings

In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive. This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
1,1,1,2-Tetrafluoroethane	CAS No.: 811-97-2 EC No.: 212-377-0 REACH: 01-2119459374-33-XXXX Index No.:	77,8-80%	Press. Gas (Liq.) , H280	
Pentafluoroethane	CAS No.: 354-33-6 EC No.: 206-557-8 REACH: 01-2119485636-25-XXXX Index No.:	17,7-20%	Press. Gas (Liq.) , H280	
Butane	CAS No.: 106-97-8 EC No.: 203-448-7 REACH: 01-2119474691-32-XXXX Index No.:	1,2-1,5%	Flam. Gas 1A, H220 Press. Gas (Liq.) , H280	
pentane	CAS No.: 109-66-0 EC No.: 203-692-4 REACH: 01-2119459286-30-XXXX Index No.:	0,4-0,7%	Flam. Liq. 1, H224 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411	[1]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.

Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

Ingestion

Exposure is not likely due to the physical state of the product (gas).

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

None known.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Contains gas under pressure; may explode if heated.

Given that it does not present a risk gas supplies shall be disrupted immediately. Removal of pressurized containers or attempting to cool with water shall be entrusted the fire brigade.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Halogenated compounds

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Information Center on: 09-471977, in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Accidental releases always pose a serious risk of fire or explosion.

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Disconnect the gas supply provided it does not present a risk. Avoid breathing fumes. Make sure to have a self-contained breathing apparatus available and ready-to-use in the event of an emergency.

Ensure adequate ventilation, especially in confined areas.

6.2. Environmental precautions

In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Disconnect the gas supply. Allow liquefied gas to evaporate and dilute into safe concentration levels in the surrounding atmosphere. If necessary control the dilution of the gas with a mist of water. Ventilate rooms in order to remove the gas.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Vapours may propagate along the floor. Prevent the forming of flammable or explosive vapour concentrations by applying sufficient ventilation. Do not use this product in close proximity to sources of ignition.

Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools. Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.

Recommended storage material

Keep only in original packaging.

Storage conditions

Dry, cool and well ventilated

< 50°C

Protect from sunlight.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butane

Long term exposure limit (8 hours) (ppm): 800

Long term exposure limit (8 hours) (mg/m³): 1900

Short term exposure limit (15 minutes) (ppm): 1000

Short term exposure limit (15 minutes) (mg/m³): 2400

Annotations:

Bilaga 4 = Oxygen displacing suppressing gases. Causes suffocation by displacing the oxygen in air.

pentane

Long term exposure limit (8 hours) (ppm): 500

Long term exposure limit (8 hours) (mg/m³): 1500

Short term exposure limit (15 minutes) (ppm): 630

Short term exposure limit (15 minutes) (mg/m³): 1900

Regulation of the Ministry of Social Affairs and Health on concentrations of chemical substances found to be harmful (55/2025).

DNEL

1,1,1,2-Tetrafluoroethane

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Inhalation	2476 mg/m ³
Long term – Systemic effects - Workers	Inhalation	13936 mg/m ³

Pentafluoroethane

Duration:	Route of exposure:	DNEL:
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Long term – Systemic effects - General population	Inhalation	1753 mg/m ³
Long term – Systemic effects - Workers	Inhalation	16444 mg/m ³

pentane

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	214 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	432 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	643 mg/m ³
Long term – Systemic effects - Workers	Inhalation	3000 mg/m ³
Long term – Systemic effects - General population	Oral	214 mg/kg bw/day

PNEC

1,1,1,2-Tetrafluoroethane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		100 µg/L
Freshwater sediment		750 µg/kg
Intermittent release (freshwater)		1 mg/L
Marine water		10 µg/L
Sewage treatment plant		73 mg/L

Pentafluoroethane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		100 µg/L
Freshwater sediment		600 µg/kg
Intermittent release (freshwater)		1 mg/L

pentane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		230 µg/L
Freshwater sediment		1.2 mg/kg
Intermittent release (freshwater)		880 µg/L
Marine water		230 µg/L
Marine water sediment		1.2 mg/kg
Sewage treatment plant		3.6 mg/L
Soil		550 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Adequate ventilation must be ensured for all gases. Where natural ventilation is not possible (cellar rooms), artificial ventilation must be installed. It is advantageous to store it in a lattice shed outdoors, as ventilation is no longer necessary in this case.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No special when used as intended.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	Self contained breathing apparatus			EN137, EN139	

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Protective gloves against cold	-	-	EN511	

Eye protection

Type	Standards	
Face shield alternatively safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Gas

Colour

Colourless

Odour / Odour threshold

Faint, ether-like

pH

Does not apply to gases.

Density (g/cm³)

1.192 (21 °C)

Relative density

1.18 (25 °C)

Kinematic viscosity

Does not apply to gases.

Particle characteristics

Does not apply to gases.

Phase changes

Melting point/Freezing point (°C)

Does not apply to gases.

Softening point/range (°C)

Does not apply to gases.

Boiling point (°C)

-32.3

Vapour pressure

7.949 hPa (25 °C)

Relative vapour density

3,7

Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards**Flash point (°C)**

Does not apply to gases.

Flammability (°C)

The material is not combustible.

Auto-ignition temperature (°C)

No data available.

Lower and upper explosion limit (% v/v)

No data available.

Solubility**Solubility in water**

No data available.

n-octanol/water coefficient (LogKow)

No data available.

Solubility in fat (g/L)

No data available.

9.2. Other information**Other physical and chemical parameters**

No data available.

Oxidizing properties

No data available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Product/substance	Pentafluoroethane
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	800 000 ppm

Product/substance	Butane
Species:	Rat

Route of exposure: Inhalation
 Test: LC50 (15 min)
 Result: 1 442.738 - 1 443 mg/L

Product/substance Butane
 Species: Rat
 Route of exposure: Inhalation
 Test: LC50 (15 min)
 Result: 800 000 ppm ppm

Product/substance Butane
 Species: Mouse
 Route of exposure: Inhalation
 Test: LC50 (2 hours)
 Result: 1 237 mg/L air mg/L

Product/substance Butane
 Species: Mouse
 Route of exposure: Inhalation
 Test: LC50 (2 hours)
 Result: 520 400 - 539 600 ppm

Product/substance Butane
 Species: Rat
 Route of exposure: Inhalation
 Test: NOAEC
 Result: 7.214 - 21.394 mg/L

Product/substance Butane
 Species: Rat
 Route of exposure: Inhalation
 Test: NOAEC
 Result: 4 000 - 16 000 ppm

Product/substance Butane
 Species: Rat
 Route of exposure: Inhalation
 Test: LOAEC
 Result: 21.641 mg/L

Product/substance Butane
 Species: Rat
 Route of exposure: Inhalation
 Test: LOAEC
 Result: 12 000 ppm

Product/substance pentane
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 2000 mg/kg bw

Product/substance pentane
 Species: Rat
 Route of exposure: Inhalation
 Test: LC50 (4 hours)
 Result: 25,3 mg/L

Product/substance pentane
 Species: Rat

Route of exposure: Inhalation
Test: NOAEC
Result: 20000 mg/m³

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

Skin corrosion/irritation

Product/substance pentane
Result: No adverse effect observed (Not irritating)

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

Serious eye damage/irritation

Product/substance pentane
Result: No adverse effect observed (Not irritating)

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

Respiratory sensitization

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

Skin sensitisation

Product/substance pentane
Result: No adverse effect observed (not sensitising)

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

Germ cell mutagenicity

Product/substance Butane
Test method: OECD 471
Conclusion: No adverse effect observed

Product/substance Butane
Test method: OECD 474
Conclusion: No adverse effect observed

Product/substance pentane
Conclusion: No adverse effect observed

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

Carcinogenicity

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

Reproductive toxicity

Product/substance Pentafluoroethane
Species: Rat
Test: NOAEC
Result: 245 440 mg/m³

Product/substance Butane
Test method: OECD 422
Species: Rat
Test: NOEC
Result: 9000 ppm

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.

Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.2. Information on other hazards

Endocrine disrupting properties

Product/substance pentane

Species: Rat
Test: NOAEC
Result: 3000 ppm

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance: Butane
Species: Fish
Duration: 96 hours
Test: LC50
Result: 24,11 - 147,54 mg/L

Product/substance: Butane
Species: Algae
Duration: 48 hours
Test: LC50
Result: 14.22 - 69.43 mg/L

Product/substance: Butane
Species: Algae
Duration: 96 hours
Test: EC50
Result: 7.71 - 19.37 mg/L

Product/substance: Butane
Species: Bacteria
Duration: 96 hours
Test: EC50
Result: 7.71 - 19.37 mg/L

Product/substance: pentane
Species: Fish
Duration: 96 hours
Test: LL50
Result: 10,6 mg/L

Product/substance: pentane
Species: Fish
Duration: 60 days
Test: EL10
Result: 2,03 mg/L

Product/substance: pentane
Species: Daphnia
Duration: 48 hours
Test: EL50
Result: 18,5 mg/L

Product/substance: pentane
Species: Daphnia
Duration: 21 days
Test: EL10
Result: 3,54 mg/L

Product/substance	pentane
Species:	Algae
Duration:	72 hours
Test:	EL10
Result:	1,49 mg/L

Product/substance	pentane
Species:	Algae
Duration:	72 hours
Test:	EL50
Result:	7,79 mg/L

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

12.2. Persistence and degradability

Product/substance	Pentafluoroethane
Result:	5 %
Conclusion:	Not biodegradable

Product/substance	Butane
Conclusion:	Readily biodegradable

Product/substance	pentane
Duration:	28 days
Result:	0 %
Conclusion:	Not biodegradable
Test:	OECD 301 F

12.3. Bioaccumulative potential

Product/substance	Pentafluoroethane
LogKow:	1,48
Conclusion:	-

Product/substance	Butane
LogKow:	2,8
Conclusion:	-

12.4. Mobility in soil

Pentafluoroethane
LogKoc = 20, Low mobility potential.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

-

Global warming potential (GWP)

1 805

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

14 06 01* Chlorofluorocarbons, HCFC, HFC

Contaminated packing

EWC code

14 06 01* Chlorofluorocarbons, HCFC, HFC

SECTION 14: Transport information

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/A DN/RID	UN1078 REFRIGERANT GAS, N.O.S. (1,1,1,2-Tetrafluoroethane, Pentafluoroethane)	Transport hazard class: 2 Label: 2.2 Classification code: 2A 	-	No	Limited quantities: 120 ml Tunnel restriction code: (C/E) See below for additional information.
IMDG	UN1078 REFRIGERANT GAS, N.O.S. (1,1,1,2-Tetrafluoroethane, Pentafluoroethane)	Transport hazard class: 2 Label: 2.2 Classification code: 2A 	-	No	Limited quantities: 120 ml EmS: F-C S-V See below for additional information.
IATA	UN1078 REFRIGERANT GAS, N.O.S. (1,1,1,2-Tetrafluoroethane, Pentafluoroethane)	Transport hazard class: 2 Label: 2.2 Classification code: 2A 	-	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

REACH, Annex XVII

Butane is subject to REACH restrictions (entry 40).

pentane is subject to REACH restrictions (entry 40).

Additional information

Not applicable.

Sources

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

REGULATION (EU) No 517/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on fluorinated greenhouse gases.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H220, Extremely flammable gas.

H224, Extremely flammable liquid and vapour.

H280, Contains gas under pressure; may explode if heated.

H304, May be fatal if swallowed and enters airways.

H336, May cause drowsiness or dizziness.

H411, Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EC = Effective concentration

ED = Effective dose

EINECS = European Inventory of Existing Commercial chemical Substances

EL = Effective Loading

ErC = Concentration associated with x% growth rate response

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWG = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

HP = Hazardous Property code

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IC = X maximum inhibitory concentration

IMDG = International Maritime Dangerous Goods

LC = Lethal concentration

LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans

LD = Lethal dose

LOAEC = Lowest Observed Adverse Effect Concentration

LOAEL = Lowest Observed Adverse Effect Level

LOEC = Lowest Observed Effect Concentration

LogKow = logarithm of the n-octanol/water coefficient

LL = Lethal Loading

M = For multiplication factor

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of

1978. ("Marpol" = marine pollution)

NOAEC = No Observed Adverse Effect Concentration

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOELR = No Observable Effect Loading Rate

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by

Darment Oy

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

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.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: FI-en