

Safety Data Sheet

#19884606 · Full 16-section SDS

According to Regulation (EC) No 1907/2006

According to Regulation (EC) No 2020/878

PRODUCT	CAS NUMBER	FORMULA	VERSION	REVISION DATE
Perindopril	82834-16-0	C19H32N2O5	10	11 Sep 2026

SECTION 1

Identification

1.1 Product identifier

Product name	Perindopril
CAS number	82834-16-0
EC / EINECS number	617-394-0
Chemical formula	C19H32N2O5
Molecular weight	368.47
SMILES	<chem>O=C(O)C1N(C(=O)C(NC(C(=O)OCC)CCC)C)C2CCCCC2C1</chem>

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

For research and development. Laboratory chemicals. Manufacture of substances.
Not suitable for human or veterinary purposes.

1.3 Details of the supplier of the safety data sheet

Molekula Limited
1 Millennium Way, Newton Aycliffe
Durham, DL5 6JW, United Kingdom
info@molekula.com · +44 (0) 3302 000333

1.4 Emergency telephone number

0344 892 0111 — National Poisons Information Service (NPIS) (United Kingdom — for healthcare professionals (via TOXBASE))

SECTION 2

Hazard identification

2.1 Classification of the substance or mixture

Eye Irrit. 2; H319
STOT SE 3; H336
Repr. 1A or Repr. 1B; H360
STOT RE 2; H373

2.2 Label elements



DANGER

CODE	HAZARD STATEMENT
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H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

CODE	PRECAUTIONARY STATEMENT
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P201	Obtain special instructions before use
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P280	Wear protective gloves/protective clothing/eye protection/face protection
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P403+P233	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of contents/container to an approved waste disposal plant

2.3 Other hazards

Does not meet PBT or vPvB criteria under REACH Annex XIII. This product does not contain any known or suspected Endocrine disruptors.

SECTION 3

Composition / information on ingredients

3.1 Substances

Name	Perindopril
CAS number	82834-16-0
EC number	617-394-0
Concentration / purity	~100%
Classification according to Regulation (EC) No 1272/2008	Eye Irrit. 2; H319 STOT SE 3; H336 Repr. 1A or Repr. 1B; H360 STOT RE 2; H373
Hazard statements	H319, H336, H360, H373
Acute toxicity estimate (ATE)	No data available
Impurities / stabilising additives	No information available

SECTION 4

First-aid measures

4.1 Description of first aid measures

Inhalation	Remove to fresh air. If exposed or concerned: Get medical advice/attention.
Skin contact	Wash skin with soap and water. In case of skin irritation or allergic reactions, see a doctor.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.

Get medical attention if any discomfort continues. Show this Safety Data Sheet (SDS) to medical personnel. First aiders/ medical personnel need to protect themselves.

4.2 Most important symptoms and effects, both acute and delayed

May cause redness and tearing of the eyes, burning sensation. Inhalation of high vapour concentrations may cause headache, dizziness, tiredness, nausea, and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5

Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray may be inefficient for large fires.
Unsuitable extinguishing media	Do not scatter spilled material with high-pressure water streams.

5.2 Special hazards arising from the substance or mixture

No information available

5.3 Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6

Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes, or clothing.

6.2 Environmental precautions

See Section 12 for additional ecological information.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4 Reference to other sections

For specific precautions, see Section 8 and Section 13.

SECTION 7

Handling & storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Do not eat, drink, or smoke when using. Remove contaminated clothing and shoes. Wash hands before breaks and after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient
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Conditions for safe storage (incompatibilities)	Store locked up in a dry, cool, and well-ventilated place. Keep containers tightly closed in the original receptacle unless otherwise advised.
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7.3 Specific end use(s)

See Section 1.2.

SECTION 8

Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits (OEL / WEL)	Not applicable
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DNEC/PNEC data	Not applicable
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8.2 Exposure controls

Eye / face protection	Chemical splash goggles Wear eye/face protection as recommended. All eye/face protection should comply with EN ISO 16321-1:2022.
Skin / hand protection	Wear suitable protective gloves (butyl rubber compliant with EC Directive 89/686/EEC and EN374) and protective clothing.
Respiratory protection	Self-contained breathing apparatus Keep self-contained breathing apparatus readily available for emergency use. Provide adequate ventilation. If ventilation is insufficient, suitable respiratory protection must be provided. Respiratory equipment: Reusable Air-Purifying Respirator (APR). Filter type: ABEK. Standard: EN 14387.
Other protection	<i>No data available</i>
Environmental exposure controls	<i>No data available</i>

SECTION 9

Physical & chemical properties

9.1 Information on basic physical and chemical properties

Appearance / physical state	Solid DERIVED FROM: LITERATURE
Colour	Off-white DERIVED FROM: LITERATURE
Odour	Odourless DERIVED FROM: LITERATURE
Melting / freezing point	100-101 °C DERIVED FROM: LITERATURE
Boiling point	<i>No data available</i>
Flammability	<i>No data available</i>
Lower and upper explosion limit	<i>No data available</i>
Flash point	<i>Not applicable</i>
Auto-ignition temperature	<i>No data available</i>
Decomposition temperature	<i>No data available</i>
pH	<i>No data available</i>
Acidity	Neutral DERIVED FROM: LITERATURE
Kinematic viscosity	<i>No data available</i>
Solubility	Soluble in water; also soluble in methanol and chloroform DERIVED FROM: LITERATURE
Partition coefficient n-octanol/water (log value)	<i>No data available</i>
Vapour pressure	<i>No data available</i>

Density (g/mL)	1 g/mL DERIVED FROM: LITERATURE
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Relative vapour density	No data available
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Particle characteristics	No data available
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9.2 Other information

No data available

SECTION 10

Stability & reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under the prescribed storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

See section 5

SECTION 11

Toxicological information

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

Acute toxicity (LD50 / LC50)	Oral LD50 (rat) > 3 g/kg
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Skin corrosion / irritation	May cause skin irritation; prolonged contact may cause redness and irritation
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Eye corrosion / irritation	Causes serious eye irritation; may cause redness, itching, and pain
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Respiratory / skin sensitisation	No data available
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Carcinogenicity	No data available
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Mutagenicity	No data available
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Reproductive toxicity	Contains a known or suspected reproductive toxin; may damage fertility or the unborn child
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STOT (single / repeated exposure)	May cause drowsiness or dizziness (single exposure); may cause organ damage through prolonged or repeated exposure
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Aspiration hazard

Based on available data, the classification criteria are not met

11.2 Information on other hazards

Not considered an endocrine disruptor

SECTION 12**Ecological information****12.1 Toxicity**

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

Not persistent, bioaccumulative, or toxic (PBT); not very persistent or very bioaccumulative (vPvB)

12.6 Endocrine disrupting properties

See Section 11.2.

12.7 Other adverse effects

No data available

SECTION 13**Disposal considerations****13.1 Waste treatment methods**

Dispose of in accordance with local/national regulations

SECTION 14**Transport information****14.1 UN number or ID number**

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Special precautions for user *Not applicable*

Transport category *Not applicable*

Tunnel code *Not applicable*

Packing instruction (ADR) *Not applicable*

Packing instruction (IMDG) *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

Substance-specific regulations (e.g. licences) *No data available*

REACH code Y110

ECHA notification *Not applicable*

15.2 Chemical safety assessment

No

SECTION 16

Other information

Revision notes / other information This is the first version of this MSDS 11.09.2026

This Safety Data Sheet was generated automatically from the data Molekula holds against this product, in the 16-section GHS/CLP format. Fields shown as "No data available" carry no recorded value; fields shown as "Not applicable" were assessed as not relevant to this substance. For queries, contact Molekula at info@molekula.com.