



SAFETY DATA SHEET

DATE: 29th October 2024

1. Identification

Product Name: Benazepril HCl

CAS Number: 86541-74-4

Recommended use/Use advised against: No information available

Details of the Australian Supplier:

Astral Scientific Pty Ltd
29 Mangrove Lane
Taren Point NSW 2229

Company Phone Number: 02 9540 2055

Email Address: support@astralscientific.com.au

Emergency Telephone Number: 13 11 26

2. Hazard(s) Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Signal Word: Warning

Hazard Statements: H361 Suspected of damaging fertility or the unborn child.



Precautionary Statements: PREVENTION P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. **RESPONSE** P308+P313 IF exposed or concerned: Get medical advice/ attention. **STORAGE** P405 Store locked up. **DISPOSAL** P501 Dispose of contents/ container to an approved waste disposal plant.

3.Composition / Information on ingredients

Component	CAS #	Purity / Weight %
Benazepril hydrochloride	86541-74-4	<= 100 %

4.First-aid measures

General Advice	Show this SDS to doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, remove contact lenses. Get medical attention.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Inhalation	Remove to fresh air if inhaled.
Ingestion	Immediately make victim drink water (two glasses at most). Consult a physician.

Most important symptoms/effects The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Notes to physician Treat symptomatically

5.Fire-fighting measures

Suitable extinguishing media	Water spray, carbon dioxide (CO ₂), dry powder
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
Flash Point	No information available
Method	No information available
Autoignition temperature	No information available
<u>Explosion limits</u>	
Upper	No information available
Lower	No information available
Sensitivity to mechanical impact	No information available
Sensitivity to static discharge	No information available

Specific hazards arising from the chemical

Carbon oxides

Nitrogen oxides (NO_x)

Hydrogen chloride gas

Combustible

Development of hazardous combustion gases or vapours possible in the event of fire.

Protective equipment and precautions for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6.Accidental release measure

Personal precautions

Use personal protective equipment as required. Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods for containment/clean-up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

7.Handling and storage

Handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes.

Storage

Store below 25°C, Protect from moisture and light. Keep container tightly closed in a dry area. Keep locked up or in an area accessible only to qualified or authorized persons.

8.Exposure controls / personal protection

Personal protective equipment

Eye/Face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by oSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory protection

Required when dusts are generated.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state	Solid
Appearance	No information available
Odor	Odorless
Odor threshold	No information available
pH	No information available
Melting point/range	188 - 190 °C
Boiling point/range	No information available
Flash point	No information available
Evaporation rate	Not applicable
Flammability (solid, gas)	No information available
Flammability or explosive elements	
Upper	No information available
Lower	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

10. Stability and reactivity

Reactive hazard	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
Stability	Stable under normal conditions
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents

Hazardous decomposition products In the event of fire: see section 5

11.Toxicological information

Acute Toxicity

Product information / Component information

LD50 Oral	LD50 Dermal	LC50 Inhalation
Rat - > 5,000 mg/kg	No data available	No data available

Toxicologically synergistic products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	No information available
Sensitization	No information available
Carcinogenicity	No information available
Mutagenic effects	No information available
Reproductive effects	Suspected of damaging the unborn child. Suspected of damaging fertility.
Developmental effects	No information available
Teratogenicity	No information available
STOT – single exposure	No information available
STOT – repeated exposure	No information available
Aspiration hazard	No information available
Endocrine disruptor information	No information available
Other adverse effects	No information available

12.Ecological information

Ecotoxicity

No information available

Persistence and degradability No information available

Bioaccumulation/accumulation No information available

Mobility No information available

13.Disposal considerations

Waste disposal methods Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14.Transport information

DOT	Not dangerous goods
TDG	Not dangerous goods
IATA	Not dangerous goods
IMDG/IMO	Not dangerous goods

15.Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons: Schedule 4

Revision date 29th October 2024

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet