



SAFETY DATA SHEET

DATE: 31st January 2025

1. Identification

Product Name: Baricitinib

CAS Number: 1187594-09-7

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: Danger

Hazard Statements: H302 Harmful if swallowed. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.



Precautionary Statements: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 If swallowed: Call a poison center/doctor if you feel unwell. P330 Rinse mouth. P308+P313 IF exposed or concerned: Get

medical advice/attention. P314 Get medical advice/attention if you feel unwell. P391 Collect spillage. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3.Composition / Information on ingredients

Component	CAS #	Formula
Baricitinib	1187594-09-7	C ₁₆ H ₁₇ N ₇ O ₂ S

4.First-aid measures

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink plenty of water afterwards. Get immediate medical attention if symptoms occur. Never give anything by mouth to an unconscious person.

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

Notes to physician Treat symptomatically

5.Fire-fighting measures

Suitable extinguishing media	Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher.
Unsuitable extinguishing media	No information available
Flash Point	No information available
Method	No information available
Autoignition temperature	No information available

Explosion limits

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

During combustion, may emit irritant fumes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6.Accidental release measure

Personal precautions Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

Environmental precautions Should not be released into the environment. See section 12 for additional Ecological Information.

Methods for containment/clean-up Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

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 and well-ventilated place.

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 Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

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	No information available
Odor threshold	No information available
pH	No information available
Melting point/range	No information available
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	Not applicable
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	Not applicable

10.Stability and reactivity

Reactive hazard	None known, based on information available
Stability	Stable under normal conditions
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	carbon oxides, hydrogen cyanide, nitrogen oxides, sulfur oxides
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11.Toxicological information

Acute Toxicity

Product information / Component information

LD50 Oral	LD50 Dermal	LC50 Inhalation
1,820 g/kg (mouse) 5.096 g/kg (rat)	No information available	No information 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 No information available

Developmental effects No information available

Teratogenicity No information available

STOT – single exposure None known

STOT – repeated exposure None known

Aspiration hazard No information available

Symptoms/effects, both acute and delayed No information available

Endocrine disruptor information No information available

Other adverse effects The toxicological properties have not been fully investigated.

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 Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

14.Transport information

DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15.Regulatory information

International Inventories

TSCA Not listed

Note *Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

DSL/NDSL Complies

EINECS/ELINCS Complies

ENCS This product complies with ENCS:

IECSC This product does not comply with china:

KECL Does not Comply

PICCS Does not Comply

AICS All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Revision date 31st January 2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet