



SAFETY DATA SHEET

DATE: 22/05/2024

1. Identification

Product Name: Tofacitinib Citrate

CAS Number: 540737-29-9

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: H302 Harmful if swallowed. 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. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response** P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. 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

Synonyms	CAS #	Concentration
(3R,4R)-4-Methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-?-oxo-1-piperidinepropanenitrile citrate; tasocitinib citrate 3-[(3R,4R)-4-methyl-3-[methyl-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile citrate	540737-29-9	<= 100 %

4.First-aid measures

Eye Contact	After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Inhalation	After inhalation: fresh air. Call in physician.
Ingestion	After swallowing: 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 Foam Carbon dioxide (CO2) 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

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

Carbon oxides, Nitrogen oxides (NOx)

Hazardous combustion products

No information available

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 Advice for non-emergency personnel: 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 See section 2.

Storage Tightly closed. Dry. 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 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin and body protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
(Body) protective clothing

Respiratory protection

Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

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	No information available
Specific gravity	No information available

Solubility	No information available
Partition coefficient; n-octanol/water	log Pow: 1.808
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	The product is chemically stable under standard ambient conditions (room temperature) .
Conditions to avoid	No data available.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5

11.Toxicological information

Acute Toxicity

Acute toxicity estimate Oral - 500.1 mg/kg
(Expert judgment)
LD50 Oral - Rat - 500 mg/kg
Remarks: (External MSDS)
Inhalation: No data available
Dermal: No data 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.
STOT – single exposure	No information available
STOT – repeated exposure	No information available
Aspiration hazard	No information available

Other adverse effects To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

Toxicity Toxicity to fish LC50 - Cyprinodon variegatus (sheepshead minnow) - > 1 mg/l - 96 h Remarks: No toxicity at the limit of solubility. (External MSDS) Toxicity to daphnia and other aquatic invertebrates LC50 - Mysidopsis bahia - > 1 mg/l - 96 h Remarks: No toxicity at the limit of solubility. (External MSDS)

Persistence and degradability No information available

Bioaccumulation/accumulation No information available

Mobility in soil 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

IATA (Not dangerous goods)

IMDG/IMO (Not dangerous goods)

15. Regulatory information

Therapeutic Goods (Poisons Standard) **Instrument** : Schedule 4

Full text of H-Statements referred to under sections 2 and 3. H302 Harmful if swallowed. H361 Suspected of damaging fertility or the unborn child.

Revision date 22/05/2024

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