



SAFETY DATA SHEET

DATE: 21/12/2023

REVISION NUMBER: 1

1. Identification

Product Name: Calcipotriol Monohydrate

CAS Number: 147657-22-5

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 and Precautionary Statements: H301 and H311 Toxic if swallowed or in contact with skin. H330 Fatal if inhaled. H372 Causes damage to organs through prolonged or repeated exposure if swallowed.

Pictograms:



P260 Do not breathe dust/fume/gas/mist/vapors/spray. P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product. P271 Use only outdoors or in a well-

ventilated area. P280 Wear protective gloves/ protective clothing. P284 Wear respiratory protection. P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. P314 Get medical advice/attention if you feel unwell. P361 Remove/Take off immediately all contaminated clothing. P363 Wash contaminated clothing before reuse. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

3.Composition / Information on ingredients

| Component | CAS # | Purity / Weight % |
|--------------------------|-------------|-------------------|
| Calcipotriol Monohydrate | 147657-22-5 | 100% |

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 May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.

Notes to physician Treat symptomatically

5.Fire-fighting measures

Suitable extinguishing media Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

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

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 Keep container tightly closed in a dry and well ventilated place. Recommended storage temperature 2 - 8°C

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 Powder

Appearance No information available

Odor Odorless

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 Incompatible products. Excess heat. Avoid dust formation.

| | |
|---|--|
| Incompatible materials | Strong oxidizing agents |
| Hazardous decomposition products | Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Sulfur oxides |
| Hazardous polymerization | Hazardous polymerization does not occur |
| Hazardous reactions | None under normal processing |

11.Toxicological information

Acute Toxicity

Product information / Component information

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--------------------------|----------------|--------------------------|--------------------------|
| Calcipotriol Monohydrate | Rat - 20 mg/kg | 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 |
| 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 | Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing |
| Endocrine disruptor information | No information available |
| Other adverse effects | The toxicological properties have not been fully investigated. |

12.Ecological information

Ecotoxicity

Do not empty into drains

Persistence and degradability Persistence is unlikely

Bioaccumulation/accumulation No information available

Mobility

| Component | Log Pow |
|--------------------------|-------------------|
| Calcipotriol Monohydrate | No data 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 21/12/2023

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