



## SAFETY DATA SHEET

DATE: 5<sup>th</sup> August 2024

### 1. Identification

**Product Name:**

**CAS Number:** Minoxidil Sulfate

**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](mailto: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:** Harmful if swallowed. Causes skin irritation. Causes serious eye irritation May cause respiratory irritation.



**Precautionary Statements:** Prevention: Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wear eye/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Storage: Store in a well-ventilated place. Keep container tightly closed Store locked up

Disposal: Dispose of contents/container to an approved waste disposal plant

### **3.Composition / Information on ingredients**

Component	CAS #	Purity / Weight %
Minoxidil Sulfate	83701-22-8	100

### **4.First-aid measures**

- General Advice** Contact Poisons Emergency Telephone number 13 11 26. If symptoms persist, call a physician.
- Eye Contact** Flush eye with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
- Skin Contact** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention. If skin irritation persists, call a physician.
- Inhalation** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.

**Most important symptoms/effects** Causes serious eye irritation. Eye contact may result in redness or pain. Causes skin irritation. Skin contact may result in redness, pain, inflammation, itching, scaling. May cause irritation of respiratory tract. May cause nausea and vomiting. Central nervous system effects. May cause headache. Dizziness. Drowsiness. May cause cardiovascular effects. Dyspnea (Difficulty breathing and shortness of breath).

**Notes to physician** Treat symptomatically

### **5.Fire-fighting measures**

**Suitable extinguishing media** Carbon dioxide (CO2). Dry chemical. Water spray mist or 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

**Specific hazards arising from the chemical**

May be combustible at high temperatures

**Hazardous combustion products**

Carbon oxides, Nitrogen oxides, Sulfur oxides

**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. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe vapours/dust. Handle in accordance with good industrial hygiene and safety practice.

**Storage** Store below 25°C, Protect from moisture and light. Keep container tightly closed in a dry and well ventilated place. Incompatible materials. Strong oxidizing materials.

**8.Exposure controls / personal protection**

**Personal protective equipment**

<b>Eye/Face protection</b>	Wear appropriate protective Safety glasses with side-shields or chemical safety goggles as described by oSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.
<b>Skin and body protection</b>	Chemical resistant apron. Gloves. Long sleeved clothing to prevent skin exposure.
<b>Respiratory protection</b>	Effective dust mask. Wear respirator with dust filter.
<b>Hygiene measures</b>	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

### **9.Physical and chemical properties**

<b>Physical state</b>	Solid
<b>Appearance</b>	Crystalline / white in colour
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/range</b>	No information available
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive elements</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	No information available
<b>Solubility</b>	No information available
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	Not applicable

## **10.Stability and reactivity**

<b>Reactive hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Incompatible products. Excess heat. Avoid dust formation.
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> ), Sulfur oxides
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur
<b>Hazardous reactions</b>	None under normal processing

## **11.Toxicological information**

### **Acute Toxicity**

#### **Product information / Component information**

<b>Component</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Minoxidil Sulfate	No information available	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** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<b>Component</b>	<b>CAS No</b>	<b>IARC</b>	<b>NTP</b>	<b>ACGIH</b>	<b>OSHA</b>	<b>Mexico</b>
Minoxidil Sulfate	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

**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

<b>Aspiration hazard</b>	No information available
<b>Symptoms/effects, both acute and delayed</b>	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
<b>Endocrine disruptor information</b>	No information available
<b>Other adverse effects</b>	The toxicological properties have not been fully investigated.

## **12. Ecological information**

### **Ecotoxicity**

Do not empty into drains

<b>Persistence and degradability</b>	Persistence is unlikely
<b>Bioaccumulation/accumulation</b>	No information available
<b>Mobility</b>	No information available

## **13. Disposal considerations**

<b>Waste disposal methods</b>	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.
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## **14. Transport information**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	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** 5<sup>th</sup> August 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**