



SAFETY DATA SHEET

DATE: 6th November 2024

1. Identification

Product Name: Isotretinoin

CAS Number: 4759-48-2

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: H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H360 May damage 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. P261 Avoid breathing dust. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. RESPONSE: P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get

medical advice/ attention. STORAGE: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. DISPOSAL: P501 Dispose of contents/ container to an approved waste disposal plant.

3.Composition / Information on ingredients

Component	CAS #	Purity / Weight %
Isotretinoin	4759-48-2	<= 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	Remove contaminated clothing. Wash off immediately with plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink plenty of water afterwards (2 glasses at most). 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) and/or in section 11

Notes to physician No information available

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
<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.

Combustible.

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

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. 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 carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

7.Handling and storage

Handling Wear personal protective equipment/face protection. Do not get in eyes. Ensure adequate ventilation. Work under hood. Do not inhale substance/mixture.

Storage Keep container tightly closed, protected from light 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 Required when dusts are generated. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene measures Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.

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	No information available
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	No information available.
Hazardous decomposition products	In the event of fire: see section 5
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	No information available.

11.Toxicological information

Acute Toxicity

LD50 Oral - Rat - > 4,000 mg/kg

Inhalation: Irritating to respiratory system.

Dermal: No information available

Product information / Component information 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	Causes skin irritation. Causes serious eye irritation.
Sensitization	No information available
Carcinogenicity	No information available
Mutagenic effects	No information available
Reproductive effects	May damage the unborn child. May damage fertility.
Developmental effects	No information available
Teratogenicity	No information available
STOT – single exposure	Inhalation - May cause respiratory irritation.
STOT – repeated exposure	No information available
Aspiration hazard	No information available
Symptoms/effects, both acute and delayed	Dermatitis To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
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 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 regulated

TDG Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Therapeutic Goods (Poisons Standard) Instrument: No poison schedule number allocated

Revision date 6th November 2024

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet