



SAFETY DATA SHEET

DATE: 28th April 2026

1. Identification

Product Name: Dithranol / Anthralin

CAS Number: 1143-38-0

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: H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.



Precautionary Statements: Prevention: P261 Avoid breathing dust. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection. Response: P302 + P352 IF ON SKIN: Wash with plenty of water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists:

Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it before reuse. Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

3.Composition / Information on ingredients

Component	CAS #	Purity / Weight %
1,8-Dihydroxyanthracen-9(10H)-one	1143-38-0	<= 100

4.First-aid measures

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, remove contact lenses. Get medical attention.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/ shower, call a physician.
Inhalation	Remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Immediately make victim drink water (two glasses at most). Get immediate medical attention if symptoms occur.

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 (CO ₂), Dry Powder
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 Combustible

Hazardous combustion products Carbon Dioxides

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	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	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	In the event of a fire please see section 5
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
No information available	No information available	Irritating to respiratory system.

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	No information available
STOT – repeated exposure	No information available
Aspiration hazard	No information available
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	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

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

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet