



SAFETY DATA SHEET

DATE: 4th November 2024

1. Identification

Product Name: Bicalutamide

CAS Number: 90357-06-5

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: Warning

Hazard Statements: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.



Precautionary Statements: Prevention: Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Inhalation: 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. Skin: 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. Eyes: 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 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 % |
|--------------|------------|-------------------|
| Bicalutamide | 90357-06-5 | <=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. |

Most important symptoms/effects None reasonably foreseeable.

Notes to physician Treat symptomatically

5.Fire-fighting measures

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Water spray, carbon dioxide (CO ₂), 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 |
| <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 | Keep product and empty container away from heat and sources of ignition. |
| Hazardous combustion products | Carbon monoxide (CO). Carbon dioxide (CO ₂). Hydrogen fluoride. Nitrogen oxides (NO _x). 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. |
| 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. Incompatible Materials. Oxidizing agent. |

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 | Light sensitive |
| Conditions to avoid | Exposure to light |
| Incompatible materials | 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 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.

| Component | CAS No | IARC | NTP | ACGIH | OSHA | Mexico |
|--------------|------------|------------|------------|------------|------------|------------|
| Bicalutamide | 90357-06-5 | 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 Respiratory system

STOT – repeated exposure None known

Aspiration hazard No information available

Symptoms/effects, both acute and delayed 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.

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 4th November 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