



SAFETY DATA SHEET

Metropol SC

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name Metropol SC

Relevant identified uses of the substance or mixture and uses advised against

Application Fungicide

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier www.sumitomo-chem.com.au
Sumitomo Chemical Australia Pty Ltd
Level 5, 51 Rawson Street,
EPPING, NSW 2121
(02) 8752 9000
(02) 8752 9099
Reception@sumitomo-chem.com.au

Emergency telephone number

Emergency telephone 1800 033 111 (Australia) 0800 734 607 (New Zealand)

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315

Environmental hazards Aquatic Acute 2 - H401 Aquatic Chronic 2 - H411

Label elements

Hazard pictograms



Signal word

WARNING

Hazard statements

H332 Harmful if inhaled.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

Metropol SC

Precautionary statements	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P312 Call a POISON CENTER or doctor/ physician if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
---------------------------------	--

Contains Flutriafol, Azoxystrobin

SECTION 3: Composition and information on ingredients

Mixtures

Other, non-hazardous ingredients	60-100%
---	----------------

CAS number: —

Flutriafol

10-30%

CAS number: 76674-21-0

Azoxystrobin

10-30%

CAS number: 131860-33-8

SECTION 4: First aid measures

Description of first aid measures

General information	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given. Show this Safety Data Sheet to a doctor.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation or rash occurs: Get medical attention/advice Wash contaminated clothing before reuse.
Eye contact	Continue to rinse for at least 15 minutes and get medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known. Harmful if inhaled.

Metropol SC

Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known. Causes skin irritation.
Eye contact	No specific symptoms known.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Small fires: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Large fires: Use alcohol-resistant foam or water spray.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Hazardous combustion products As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a health hazard.

Advice for firefighters

Special protective equipment for firefighters Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling combustion products. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Wear regional, national, and local standards approved fire fighting turnout gear and positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection from heat, and may not provide adequate protection from the harmful vapors or liquids. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Wear appropriate protective equipment. Use personal protection recommended in "8: Exposure control/personal protection". Isolate spill or leak area for proper distance in all directions. Provide adequate ventilation. Keep upwind. do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapours/spray. Wash face and hands thoroughly after handling.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge into drains and the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Dispose of contents/container in accordance with national regulations.

Reference to other sections

Metropol SC

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

Storage class Miscellaneous hazardous material storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1

SECTION 8: Exposure controls and personal protection

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Personal protection

When using this product refer to the label for details.

Eye/face protection

No specific eye protection required during normal use.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Neoprene gloves. Nitrile rubber. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Metropol SC

Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and complies with Australia/New Zealand Standard AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Half mask and quarter mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
pH	5.0 - 8.0

SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	None known. Hazardous polymerisation does not occur. Stable under normal conditions.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Combustion or thermal decomposition will evolve toxic and irritant vapours.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) 5000 mg/kg GHS Category 4

Acute toxicity - dermal

Notes (dermal LD₅₀) >4000 mg/kg GHS Category 4

Acute toxicity - inhalation

Notes (inhalation LC₅₀) 1.1 mg/L air GHS Category 4

Skin corrosion/irritation

Summary Moderate irritant

Serious eye damage/irritation

Summary Moderate irritant

Metropol SC

Skin sensitisation

Summary Not a sensitizer to guinea pigs

SECTION 12: Ecological information

Ecotoxicity Aquatic Acute - Cat 2 - H401 - Toxic to aquatic life. Aquatic Chronic - Cat 2 - H411 - Toxic to aquatic life with long lasting effects. Information below relating to active ingredients.

Toxicity

BEES:
 Flutriafol Tech: Acute oral LD50 >5 ug/bee
 Azoxystrobin Tech: Acute oral LD50 >25 ug/bee

WORMS:
 Flutriafol Tech: LC50 (14 d) >1000 mg/kg
 Azoxystrobin Tech: LC50 (14 d) 283 mg/kg

Acute aquatic toxicity

Acute toxicity - fish

Flutriafol Tech: LC50 (96hr) Rainbow Trout - 61 mg/L
 Azoxystrobin Tech: LC50 (96hr) Rainbow Trout - 0.47 mg/L

Acute toxicity - aquatic invertebrates

Flutriafol Tech: Daphnia LC50 (48 h) 78 mg/L
 Azoxystrobin Tech: Daphnia LC50 (48 h) 0.28 mg/L

Acute toxicity - aquatic plants

Azoxystrobin Tech: Algae EC50 (72 h) for *P. subcapitata* 0.18 mg/L
 Azoxystrobin Tech: diatom EC50 (72 h) for *N. pelliculosa* 0.028 mg/L

Acute toxicity - terrestrial

Flutriafol Tech: Acute oral - Mallard Duck >5000 mg/kg; Dietary LC50 (5days) - Mallard Duck 3940 mg/kg diet.
 Azoxystrobin Tech: Acute oral - Mallard Duck >2000 mg/kg; Dietary LC50 (5 days) - Mallard Duck ?5200 mg/kg diet.

Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Bioaccumulative potential

Bioaccumulative Potential No information available.

Mobility in soil

Mobility No data available.

SECTION 13: Disposal considerations

Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous

Metropol SC

Disposal methods Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SECTION 14: Transport information

General Not a dangerous good for transport by Road and Rail according to ADG 7 code

UN number

3082

UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es)

9

Packing group

III

SECTION 15: Regulatory information

Inventories

Australia - AICS

Not applicable.

SECTION 16: Any other relevant information

Training advice Only trained personnel should use this material.

Revision date 1/02/2022

Revision 1

SDS No. 4941

Hazard statements in full H315 Causes skin irritation.
H332 Harmful if inhaled.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.