

Safety Data Sheet

Issue No: 2.0	2 rd Edition: 1 June 2020
---------------	--------------------------------------

1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product Name: **STROBICURE 250 SC**

Recommended Use: Agricultural fungicide

Manufacturer: ICA International Chemicals (Pty) Ltd

Address: 28 Planken Street
Plankenbrug Industrial
STELLENBOSCH · 7600 · SOUTH AFRICA

Telephone No: +27 (0) 21 886 9812

Fax No: +27 (0) 21 886 8209

Emergency Tel No: Griffon Poison Information Centre +27 82 446 8946
Poisons Helpline 0861 555 777

2. HAZARD IDENTIFICATION ON PRODUCT

GHS classification of product Acute Oral, Dermal and Inhalation Toxicity Category 5
Acute and chronic aquatic toxicity Category 1

GHS Label elements



Signal Word

Warning

Hazard Statements

H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H333 May be harmful if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P101 If medical advice is needed: Have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P312 If swallowed/on skin/inhaled: Call a doctor if you feel unwell.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P391 Collect spillage.
P404 Store in closed container.
P405 Store locked up.
P501 Dispose of container and contents in accordance with local/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS NO:</u>	<u>Concentration (g/l)</u>
Azoxystrobin	131860-33-8	250
Non-Hazardous substances		

4. FIRST AID MEASURES

Show this SAFETY DATA SHEET to a doctor.

- INGESTION:**
- If swallowed, have victim rinse mouth thoroughly with water.
 - DO NOT induce vomiting unless instructed to do so by poison control centre or doctor.
 - Never give anything by mouth to an unconscious person.
 - Seek medical advice.
- INHALATION:**
- Treat symptomatically. Remove patient from source of exposure and move to fresh air.
 - Get medical advice if feeling unwell.
- EYES:**
- Rinse eyes immediately with plenty of clean water for at least 15 minutes, while holding eyelids apart.
 - Remove contact lenses, if present, after 5 minutes and continue rinsing.
 - Seek medical help if irritation develops and persists.
- SKIN:**
- Treat symptomatically. Remove contaminated clothing and take a shower.
 - Rinse affected areas (skin) immediately with plenty of water.
 - If skin irritation occurs: Get medical attention/advice
- NOTE TO PHYSICIAN:**
- Treat symptomatically.
- POTENTIAL HEALTH AFFECTS:**
- No significant adverse effects expected.

5. FIRE FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA:**
- Foam, dry chemical, carbon dioxide
- HAZARDS FROM COMBUSTION PRODUCTS:**
- Carbon monoxide, carbon dioxide, hydrochloric acid, nitrogen oxides.
- PRECAUTIONS FOR FIRE FIGHTERS:**
- Fire fighters should wear full protective gear including self-containing breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.
- HAZCHEM CODE:**
- 2X
- Further information:**
- If possible, safely remove intact containers from the fire.
 - Keep containers cool by spraying with water if exposed to fire
 - Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
 - Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
 - In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK:

- Avoid contact with spilled material or contaminated surfaces.
- DO NOT eat, drink or smoke.
- Wear personal protective clothing and equipment (see section 8). Keep people and animals away.
- Control the spill at its source. Contain the spill immediately. Sweep up material or collect with absorbent material, scrub area with hard water detergent. Pick up wash liquid with additional absorbent material and place all collected in a container for disposal. Seal container and arrange for disposition.
- PREVENT spilled material from entering drains or sewer systems. Dike and bund area with sand/earth to prevent contamination of drains or sewers.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Wear suitable protective clothing (Dust mask; Eye shields, Gloves) No special measures necessary if stored and handled correctly. Keep away from heat, protect from sunlight and from freezing. Ensure thorough ventilation of stores and work areas Wash hands, arms and face after use. Wash gloves and contaminated protective clothing daily.
CONDITIONS FOR SAFE STORAGE:	Store out of reach of children, tightly closed in original containers, which include the complete label, in a cool, dry and well ventilated area out of direct sunlight. Segregate from foods and animal feeds.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

AOEL:	Acceptable Operator Exposure Level EU – Azoxystrobin 0.2 mg/kg bw/day
ENGINEERING CONTROLS:	Facilities should be equipped with an eyewash facility and a safety shower.
PERSONAL PROTECTIVE EQUIPMENT:	Wear suitable protective clothing which include chemical-resistant footwear. dust mask; eye shields and gloves (chemical-resistant gloves made of any waterproof material such as nitrile, butyl, neoprene and/or barrier laminate). A respirator not normally required when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (colour; physical form)	White liquid
ODOUR	Slight chemical
pH (1 % in water)	6.5 -8.2
DENSITY	~1.08 g/mℓ at 21 °C
STORAGE STABILITY	Stable after 14 days at 54°C
WET SIEVE TEST	< 0.1 %
FOAM	20 ml after 1 min
VISCOSITY:	~ 1200 mPa/s
FLASH POINT	No flashpoint below 84 °C

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use
CONDITIONS TO AVOID:	Excessive heat, freezing

11. TOXICOLOGICAL INFORMATION

ANIMAL ACUTE TOXICITY DATA (a.i.)

ORAL:	LD ₅₀ (rat)	>5 000 mg/kg Low
DERMAL:	LD ₅₀ (rats)	> 2 000 mg/kg bw.
INHALATION:	LC ₅₀ (4h) rat	>6.32 mg/ℓ
SKIN:		Not an irritant.
EYES		Not an irritant.

Not a skin sensitizer. In studies not mutagenic and neurotoxic.

12. ECOLOGICAL INFORMATION (a.i.)

AZOXYSTROBIN	Birds	Acute oral: LD ₅₀ mg/kg - Bobwhite Quail >2000
	Fish:	Acute oral: LD ₅₀ mg/kg - Mallard duck >2000 Acute tox LC ₅₀ - Rainbow trout = 0.47 mg/l Fathead minnow - NOEC = 0.147 mg/l
	<i>Daphnia magna</i> :	Chronic 21-day NOEC = 0.044 mg/l
	Green Algae:	Effect on growth, static water 96 h E _b C ₅₀ = 0.36 mg/l
	Honeybees	Acute Oral 24-hour LD ₅₀ – >25 µg a.i./bee

	Earthworms	Acute Contact 24-hour LD ₅₀ - >200 µg a.i./bee
		Reproduction toxicity: 14-day LC ₅₀ 881 mg/kg dry soil. NOEC = 20 mg/kg (formulation).
ECOLOGICAL FATE:	Persistence / Degradability	Azoxystrobin can persist for several months or longer. The US EPA concluded that the a.i. have properties similar to chemicals which are known to leach through soil to ground water under certain conditions.

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINERS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds until the flow has slowed down to a drip. Thereafter rinse the empty container three times in succession with one quarter of the container volume with clean water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

DIP Disposal: According to local legislative requirements

14. TRANSPORT INFORMATION

UN NUMBER: 3082

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (contains azoxystrobin), liquid

CLASS AND SUBSIDIARY RISK(S): Class 9



PACKING GROUP: III (minor danger)

HAZCHEM CODE: 2Z

Tel No: +27 (0) 21 886 9812

15. REGULATORY INFORMATION

South African Registration number L10557 Act No. 36 of 1947

16. OTHER INFORMATION

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how to prevent accidents in the normal workplace including in conjunction with other products.

The information was obtained from sources which we believe are reliable. However, the information is provided in good faith. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and for this reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used for this product only.

Updated 2020,06/01 GHS Format
END of SDS