



SAFETY DATA SHEET

SAVANNAH 625 SC

GHS/ISR/Ver 1.1

Issue date: 11.11.2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: SAVANNAH 625 SC
Chemical name: Fludioxonil and cyprodinil
CAS No: 131341-86-1 / 121552-61-2

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

Identified uses: Herbicide for agricultural use

Details of the supplier of the safety data sheet

Almandine Corporation SA
Gotthardstrasse 3
6300 Zug
Switzerland
Tel: +44 20 8995 8391 (UK office; 9am -5pm)
Email: almuk@almandine.com

Formulation site:

Agrosmart UK LTD
Clayton West
Huddersfield
West Yorkshire
UK

Emergency telephone number: Tel: +44 20 8995 8391
(SDS support, 9.00am-5.00pm; Mon-Fri only, UK)

SECTION 2: HAZARDS IDENTIFICATION

Aq chronic 1



Pictogram(s):

Signal word: Warning

Hazard statement(s): H410: Very toxic to aquatic life with long lasting effects

Precautionary statement(s): P273: Avoid release to the environment
P391: Collect spillage



P501: Dispose of contents/container in accordance with local/regional regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Conc (g/L)	Signal word	H-Statements
Fludioxonil	131341-86-1	250	Warning	H400, H410
Cyprodinil	121552-61-2	375	Warning	H317, H400, H410

SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
- Skin contact:** Wash with plenty of water. Wash contaminated clothing before reuse. IF SKIN irritation occurs: Get medical advice/attention. Call a POISON CENTER or doctor if you feel unwell
- Eye contact:** 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.
- Ingestion:** If swallowed seek medical advice immediately and show the container, label or this Data sheet, if possible. Provided the person is conscious, wash out mouth with water.
Do not induce vomiting.
- Medical Advice:** There is no specific antidote, treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

- Extinguishing media:** Water spray. Keep unexposed containers cool with water spray. Water jet is not recommended.
- Specific Hazards from the product:** Combustion products are toxic and/or irritant. May produce toxic gases: NO_x, CO_x, CN.
- Advice for fire fighters:** Fire-fighters should wear full protective gear, including self-contained breathing apparatus. Use water spray to cool containers.
- Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear PPE as recommended in section 8. Avoid breathing, vapours, spray or gas. Ensure adequate ventilation. Avoid contact with spilled material or



contaminated surfaces. Keep people and animals away and keep locked up.

Environmental precautions: Prevent product from entering drains or water courses. Do not flush into water sources, drains or sewage systems. If product enters sewage or contaminates water sources, inform the relevant authorities.

Clean-up methods: Contain spill and absorb with earth, sand, clay, or other absorbent material, collect and store in sealed drums for safe disposal. Decontaminate the area and equipment by washing areas with water. Keep in suitable, closed containers for disposal. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Use PPE as outlined in section 8. Avoid contact with skin, eyes and clothing. May irritate skin. Avoid breathing vapour or spray. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Storage: Keep out of sight and reach of children Store in the closed original container, in a cool, dry, well-ventilated area, away from direct sunlight and sources of ignition. Keep away from food, drink and animal feeds. Avoid storing at freezing temperatures.

Incompatibility: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure limits:

Hazardous ingredient: Fludioxonil: 10 mg/m³ TWA 8h
Cyprodinil: 7 mg/m³ TWA 8h

Respiratory protection: No respiratory protection normally required. A particulate filter may be needed if there is a risk of OELs being exceeded or excessive aerosol production.

Skin protection: Wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, heavy-duty shoes or boots. For overhead exposure, wear chemical-resistant headgear.

Hand protection: Chemical resistant gloves should be used. Suitable materials include: nitrile rubber.

Eye protection: Wear face shield or goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



a) Appearance:	Opaque Milky liquid
b) Odour:	Mild sweet
c) Odour threshold:	none set
d) pH:	5 - 8 (1% dilution)
e) Melting point/freezing point:	not determined
f) Boiling point/boiling range:	154°C (tech.)
g) Flashpoint:	Does not flash
h) Evaporation rate:	not determined
i) Flammability (solid/gas):	Not flammable
j) Upper/lower flammability or explosive limits:	n/a
k) Vapour pressure:	3.9 x 10 ⁻⁴ mPa (fludioxonil tech.); 5.1 x 10 ⁻¹ mPa (cyprodinil tech.)
l) Vapour density:	not determined
m) Relative density:	1.0 – 1.2 g/mL (20°C)
n) Solubility:	1.8 mg/L (fludioxonil tech), 13 mg/L (cyprodinil tech) (water, 20°C)
o) Partition coefficient:	Log P _{ow} ~4
p) Auto-ignition temperature:	not determined
q) Decomposition temperature:	not determined
r) Viscosity:	3900 m Pa s (20°C)
s) Explosive properties:	Not explosive
t) Oxidising properties:	Not an oxidiser

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of use. Will not polymerise.
Chemical stability	The product is stable if stored and handled as prescribed /indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions.
Conditions to avoid	Sources of ignition, heat and flames.
Incompatible materials	Strong oxidisers
Hazardous decomposition Products:	Does not decompose at ambient temperature. Combustion or thermal decomposition will evolve toxic and irritant vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat 5)
Dermal toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat 5)
Inhalation toxicity:	>4.28 mg/L (GHS Cat 5)



Skin irritation:	Non-irritant
Eye irritation:	Non-irritant
Skin sensitisation:	Not a skin sensitiser
Chronic:	Cyprodinil and fludioxonil technical materials have been extensively tested on laboratory mammals, and in vitro. No evidence of mutagenic, carcinogenic teratogenic or reproductive effects was obtained for either substance.
Long term exposure:	No long-term risks to man are associated with the normal handling and use of this material.

SECTION 12: ECOLOGICAL INFORMATION

(cyprodinil technical material)

Birds:	LD ₅₀ bobwhite quail:	>2000 mg/kg
Fish toxicity:	LD ₅₀ 96 h Bluegill sunfish:	2.17 mg/l
	LD ₅₀ 96 h Rainbow trout:	2.41 mg/l
Aquatic invertebrates:	EC ₅₀ : 48h <i>Daphnia magna</i>	0.033 mg/l
Algal toxicity:	EC ₅₀ 72 h <i>Scenedesmus subspicatus</i>	2.6 mg/l
Bioaccumulation:	Does not bioaccumulate.	
Stability in water:	Photolytic DT ₅₀ in water 5.1 d.	
Stability in soil:	DT ₅₀ 31-41 d. Cyprodinil may be persistent in very acidic soils (<pH 5).	
Mobility:	The compound proved to be immobile in soil	

(fludioxonil technical material)

Birds:	LC ₅₀ Mallard duck:	>2000 mg/kg
Fish toxicity:	LC ₅₀ 96 h Bluegill sunfish:	0.74 mg/L
	Rainbow trout:	0.5 mg/L
Aquatic invertebrates:	LC ₅₀ 48h <i>Daphnia magna</i>	0.40 mg/L
Algal toxicity:	EC ₅₀ 72 h <i>Scenedesmus subspicatus</i>	0.93 mg/L
Bioaccumulation:	Does not bioaccumulate.	
Stability in water:	Fludioxonil is stable in water. Photolytic DT ₅₀ in water 19.2 d.	
	Fludioxonil is persistent with low mobility in soil.	

This formulation is virtually non-toxic to bees.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Empty containers should be triple-washed and discarded. Empty containers should not be used for other purposes. Disposal should be in accordance with local, state or national legislation.



SECTION 14: TRANSPORTATION INFORMATION

UN number: 3082

UN Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S.
(contains cyprodinil and fludioxonil)

Transport hazard class: ADR/RID: 9 IMDG: 9 IATA: 9

Packaging group: ADR/RID: III IMDG: III IATA: III

Environmental hazard: ADR/RID: Yes IMDG: Marine pollutant: Yes IATA: Yes

SECTION 15: REGULATORY INFORMATION

No additional regulatory information.

SECTION 16: OTHER INFORMATION

H-Statements in full:

H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

No liability is accepted for any injury, loss, damage or cost arising directly or indirectly from the use of the product or from the use of information contained within the safety data sheet since the customer's treatment of the product is necessarily beyond our control. The supplied data are based on current knowledge and experience. This safety data sheet is intended to describe our product in terms of safety requirements. The customer should determine by appropriate trials that the product is suitable for his intended use.

Time weighted average (TWA): is the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Sections 9, 11 and 12 based on available EU data and own studies.
Self-classification of mixture (based on studies)
Minor changes to section 1, 2, 3, 11, 12 and 16
Supercedes version issued: 14.09.2020