



SAFETY DATA SHEET

GIMIC 50 SC

Ver 1.1/GHS

Issue date: 09.03.2021

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

Product identifiers

Product name: Gimic 50 SC
Chemical name: Uniconazole
CAS No.: 83657-22-1

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

Identified uses: Herbicide for agricultural use

Details of the supplier of the safety data sheet

Supplier: Hallmark Chemicals b.v
Wilhelminakade 91
3072 AP Rotterdam
The Netherlands
Tel: +31 10 414 4277
Fax: +31 10 414 3023
info@hallmarkchem.com

Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Aq chronic 3

Pictogram(s): None

Signal word: None

H-statement(s): **H412:** Harmful to aquatic life with long lasting effects.

Precautionary statement(s): **P273:** Avoid release to the environment
P501: Dispose of contents/container in accordance with local and national regulations

Additional Hazard(s): Contains 1,2-BIT. May produce an allergic reaction.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (g/L)	Signal Word	H-statements
Uniconazole	83657-22-1	50	-	H411



1,2 ethandiol	107-21-1	100	Warning	H302
1,2-benzisothiazolin-3-one	2634-33-5	<0.5	Danger	H302, H315 H318, H317, H400

See Sections 2 and 16 for full H-Statements.

SECTION 4: FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre and follow the advice given. Show this Safety Data Sheet to the doctor.

Inhalation:	If inhaled, remove to fresh air and keep at rest. Obtain medical attention if at all worried.
Skin contact:	Remove contaminated clothing. Wash with plenty of soap and water. Launder clothing before re-use. Seek medical attention if irritation persists.
Eye contact:	Rinse eyes with plenty of water keeping the eyelids open for at least 15 minutes. Get medical attention.
Ingestion:	DO NOT induce vomiting. Wash mouth out with water. Seek medical attention. Never give anything by mouth to an unconscious person.
Treatment:	No known antidote. Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:	Water spray, CO ₂ , or dry chemical, do not use water jets-may cause spread of fire.
Hazards from combustion products:	May emit toxic and harmful fumes under fire conditions: e.g CO _x , NO _x , SO _x , HCl
Advice for fire fighters:	Wear self contained breathing apparatus. Dyke area to prevent spill from entering drains, sewers or waterways. Dispose of run off as hazardous material.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General precautions:	Use PPE as described in section 8. Stop the source of the spill if it is safe to do so. Contain the spill to prevent contamination of the soil, surface water or ground water. Keep uninformed persons away from spill site.
Environmental precautions:	Prevent product from entering drains or water courses. Warn the local water authority if water-courses become contaminated.
Clean-up methods:	Small spills: Use an inert absorbent material such as soil, dry sand or vermiculite to the spill area. Sweep up material and contain in a suitable container. Ensure the container is sealed and well-labelled. Large spills: Place leaking containers into salvage drums. Apply inert absorbent such as soil, dry sand or vermiculite to



the spill area. Dyke around the spill in front of drains and waterways to prevent contamination of local water sources.

SECTION 7: HANDLING AND STORAGE

- Handling:** Do not store near flame, sparks or hot surfaces. Use in a well ventilated area. Ensure that containers are closed when not in use. Keep out of reach from children, unauthorised persons and animals. Wash face, hands and arms after use. Do not eat drink or smoke when handling this product.
- Storage:** Do not store for prolonged periods in direct sunlight. Store at ambient temperatures.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure limits:** No OELs established for this product.
- Engineering controls:** Natural ventilation should be adequate under normal conditions of use. Avoid generating or inhaling mists.
- Personal protective equipment:**
Respiratory protection: Use only in well-ventilated areas.
Hand protection: Wear chemical gloves.
Eye protection: Avoid contact with eyes. The use of protective eye wear is recommended.
Skin and body protection: Avoid contact with skin and clothing. It is recommended to wear gloves, hat long sleeved shirt, long pants and chemical resistant boots.
Do not eat, drink or smoke while handling the product.
Wash hands and face thoroughly after handling.
Wash clothes and protective gear before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| a) Appearance: | White to off white liquid |
| b) Odour: | Virtually odourless |
| c) Odour threshold: | None set |
| d) pH: | 7 - 9 |
| e) Melting point/freezing point: | 155°C (tech.) |
| f) Boiling point/boiling range: | Not determined |
| g) Flash-point: | Does not flash |
| h) Evaporation rate: | Not determined |
| i) Flammability (solid/gas): | Not flammable |
| j) Upper/lower flammability or explosive limits: | None set |
| k) Vapour pressure: | 8.9 mPa (25°C) (tech.) |
| l) Vapour density: | Not determined |
| m) Relative density: | 1.020 - 1.040 g/L (20°C) |
| n) Solubility: | 8.4 mg/L (water, 20°C) (tech.) |
| o) Partition coefficient: | Log P = 3.67 (25°C) (tech.) |
| p) Auto-ignition temperature: | Not determined |
| q) Decomposition temperature: | >475°C (tech.) |



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| r) Viscosity: | Not determined |
| 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. Not sensitive to humidity, air, heat or light.
- Conditions to avoid:** Direct sunlight, keep away from heat sources, flames and sparks.
- Incompatible materials** Strong acids, strong bases, strong oxidising agents.
- 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:** LD₅₀ (rat): >2000 mg/kg (GHS cat 5)
- Dermal toxicity:** LD₅₀ (rat): >2000 mg/kg (GHS cat 5)
- Inhalation toxicity:** LC₅₀ (4h) rat >2.75 mg/L (tech.)
- Sensitisation:** Not a skin sensitiser
- Eye Irritation:** Evidence of very mild irritation that reverses within 24 hrs. This is insufficient for classification according to GHS.
- Skin Irritation:** Evidence of very mild irritation that reverses within 24 hrs. This is insufficient for classification according to GHS.

Uniconazole is not classified as carcinogenic, genotoxic, mutagenic or a reproductive toxin.

- Long-term exposure:** No long term risks to man are associated with the normal handling and use of this material.

SECTION 12: ECOLOGICAL INFORMATION

(Technical material)

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| Bird toxicity: | LD ₅₀ Bobwhite quail | 1461 mg/kg |
| Fish toxicity: | LC ₅₀ 96 h rainbow trout | 14.8 mg/L |
| | LC ₅₀ 96 h carp | 7.64 mg/L |
| Daphnia toxicity: | LC ₅₀ 48 h <i>Daphnia magna</i> | >10 mg/L |



Bee toxicity: LD₅₀ (48h) - contact >20 µg/bee

Uniconazole is persistent in soil and slightly mobile. It does not bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product: Dispose of waste product through an official waste contractor. Obtain advice from local waste regulation authority.

Contaminated packaging: Triple- or pressure-rinse containers before disposal. Add rinsings to spray tank.
Do not dispose of undiluted chemicals on-site.
Do not burn empty containers. Recycle, or return to supplier through local schemes if applicable. Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORTATION INFORMATION

Not classified for transport.

SECTION 15: REGULATORY INFORMATION

No additional regulatory information required for this product.

SECTION 16: OTHER INFORMATION

H-statements:

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H411	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 handling 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.

Sections 9, 11 and 12 based on available EU and own data.
Self-classification of mixture.
Supersedes SDS issued: 09.03.2021
Updates to section 2, 11 and 16