

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 23.09.2020

Version number 1

Revision: 23.09.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
 - **Trade name: CONSENTO SC 450**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - **Sector of Use** Agriculture use
 - **Application of the substance / the mixture** Agricultural fungicide
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
 Gowan Crop Protection Limited
 Highlands House Basingstoke Road
 Spencers Wood
 Reading
 Berkshire
 England
 RG7 1NT
 Tel +44 0 1582 280390
 - **Further information obtainable from:** sds@gowanco.com
- **1.4 Emergency telephone number:**
 Chemtrec Emergency Telephone 24 - Hours: (South Africa) +0-800-983-611
 Outside South Africa: +1 703 527-3887

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**
 The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS09

- **Signal word** Warning
- **Hazard-determining components of labelling:**
 1,2-benzisothiazolin-3-one
- **Hazard statements**
 H410 Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**
 P273 Avoid release to the environment.

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P391 Collect spillage.

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

2.3 Other hazards**Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 25606-41-1 EINECS: 247-125-9	propyl [3-(dimethylamino)propyl]carbamate monohydrochloride ⚠ Skin Sens. 1, H317	33.5%
CAS: 161326-34-7 Index number: 613-206-00-6	fenamidone (ISO) ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410	6.7%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazolin-3-one ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; ⚠ Skin Sens. 1, H317	<0.05%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- **General information:** Remove contaminated clothing immediately and dispose of safely.

After inhalation:

Move to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.

Remove patient to fresh air and keep warm and rest. If breathing is irregular or stopped, administer artificial respiration and seek medical attention.

- **After skin contact:** Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

After eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. After the first 5 minutes remove the contact lenses, if present, and continue rinsing the eye. Consult a doctor if irritation appears and persists.

- **After swallowing:** Do NOT induce vomiting. Rinse mouth. Ingest activated charcoal.

4.2 Most important symptoms and effects, both acute and delayed Skin, eye and mucous membrane irritation**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. There is no specific antidote. Contraindication: atropine.

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO)

Sulphur oxides (SO_x)Nitrogen oxides (NO_x)

Hydrogen chloride (HCl)

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- **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.
 - **Additional information** Auto-ignition temperature 450 °C / 842 °F

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
 - **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Store in a cool, dry, well-ventilated area.
 - **Information about storage in one common storage facility:**
Do not ship or store near food, feed, seed and fertilizers.
 - **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
 - **Respiratory protection:** Not required.

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· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves** Chemical-resistant gloves.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- **Form:** Suspension
- **Colour:** White to light beige
- **Odour:** Characteristic
- **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 6.0 - 7.5

· **Change in condition**

- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** 100 °C

· **Flash point:** 450 °C

· **Flammability (solid, gas):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

- **Lower:** Not determined.
- **Upper:** Not determined.

· **Vapour pressure:** Not determined.

· **Density at 20 °C:** 1.12 g/cm³

- **Relative density** Not determined.
- **Vapour density** Not determined.

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· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Dispersible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**
Protect from direct sunlight. Keep away from heat / sparks / open flames / hot surfaces. Do not smoke.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>5.59 mg/l (rat)

- **Primary irritant effect:**
 - **Skin corrosion/irritation** Mild irritation
 - **Serious eye damage/irritation** Mild irritant
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the product is not cell mutagenic.
 - **Carcinogenicity** Based on available data, the product is not a carcinogen.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the product is not STOT.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - Toxicity to fish
LC50 (*Oncorhynchus mykiss* (rainbow trout)) 13 mg/l static test; Exposure time: 96 h
 - Toxicity to aquatic invertebrates
EC50 (*Daphnia magna* (Water flea)) 0.14 mg/l static test; Exposure time: 48 h

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*Toxicity to aquatic plants*IC50 (*Desmodesmus subspicatus* (green algae)) > 160 mg/l Exposure time: 72 h· **Aquatic toxicity:** No further relevant information available.· **12.2 Persistence and degradability***Propamocarb hydrochloride:**Quickly biodegradable**Fenamidone:**It is not quickly biodegradable**Propamocarb hydrochloride: Koc: 719**Phenamidone: Koc: 387*· **12.3 Bioaccumulative potential***Propamocarb hydrochloride: Does not bioaccumulate.**Fenamidone: Does not bioaccumulate.*· **12.4 Mobility in soil***Propamocarb hydrochloride:**Slightly mobile on ground**Fenamidone:**Moderately mobile on ground*· **Ecotoxicological effects:**· **Remark:** Very toxic for fish· **Additional ecological information:**· **General notes:***Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water**Do not allow product to reach ground water, water course or sewage system.**Danger to drinking water if even small quantities leak into the ground.**Also poisonous for fish and plankton in water bodies.**Very toxic for aquatic organisms*· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations**· **13.1 Waste treatment methods**· **Recommendation***Must not be disposed together with household garbage. Do not allow product to reach sewage system.*· **Uncleaned packaging:**· **Recommendation:** Disposal must be made according to official regulations.· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

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· 14.2 UN proper shipping name**· ADR**3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (fenamidone (ISO))**· IMDG**ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (fenamidone (ISO)), MARINE POLLUTANT**· IATA**ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (fenamidone (ISO))**· 14.3 Transport hazard class(es)****· ADR, IMDG, IATA****· Class**

9 Miscellaneous dangerous substances and articles.

· Label

9

· 14.4 Packing group**· ADR, IMDG, IATA**

III

· 14.5 Environmental hazards:**· Marine pollutant:**

Symbol (fish and tree)

· Special marking (ADR):

Symbol (fish and tree)

· Special marking (IATA):

Symbol (fish and tree)

· 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

· Hazard identification number (Kemler code):

90

· EMS Number:

F-A,S-F

· Stowage Category

A

**· 14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code**

Not applicable.

· Transport/Additional information:**· ADR****· Limited quantities (LQ)**

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· Transport category

3

· Tunnel restriction code

-

· IMDG**· Limited quantities (LQ)**

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":UN 3082 ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (FENAMIDONE (ISO)), 9, III

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SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Directive 2012/18/EU

- *Named dangerous substances - ANNEX I* None of the components is listed
- *Seveso category E1* Hazardous to the Aquatic Environment
- *Qualifying quantity (tonnes) for the application of lower-tier requirements* 100 t
- *Qualifying quantity (tonnes) for the application of upper-tier requirements* 200 t
- *REGULATION (EC) No 1907/2006 ANNEX XVII* Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

· Department issuing SDS: Supply Chain

· Contact: sds@gowanco.com

· Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity - oral – Category 4
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Skin Sens. 1: Skin sensitisation – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· * Data compared to the previous version altered.