

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Glosset SC****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Plant protection product

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

Certis Belchim B.V. (EU)

Stadsplateau 16

3521 AZ Utrecht - Nederland

Telephone no. 0031 (0)30 200 1200

Fax no. 0031 (0)30 310 0241

e-mail [info@certisbelchim.com](mailto:info@certisbelchim.com)**Advice on Safety Data Sheet**[www.certisbelchim.com](http://www.certisbelchim.com)**Distributor****Address**

Certis Belchim B.V. - United Kingdom

Suite 5, 3 Riverside, Granta Park - Great Abington

Cambridgeshire CB21 6AD

United Kingdom

Telephone no. 0044 (0) 1223 652500

Fax no. 0044 (0)1223 891210

e-mail [info.uk@certisbelchim.com](mailto:info.uk@certisbelchim.com) - [www.certisbelchim.co.uk](http://www.certisbelchim.co.uk)**1.4 Emergency telephone number**

Carechem 24 EU: +44 1235 239670

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Acute Tox. 4; H302

Aquatic Acute 1; H400

Aquatic Chronic 1; H410

Skin Sens. 1; H317

STOT RE 2; H373

**Classification information**

Classification and labelling are based on toxicological studies performed on the product (mixture).

Classification and labelling with respect to water pollution risks are based on ecotoxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**2.2 Label elements**

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS07



GHS08



GHS09

**Signal word**

Warning

**Hazardous component(s) to be indicated on label:**

Flufenacet (ISO)

**Hazard statement(s)**

H302 Harmful if swallowed.  
 H317 May cause an allergic skin reaction.  
 H373 May cause damage to organs through prolonged or repeated exposure  
 H410 Very toxic to aquatic life with long lasting effects.

**Hazard statements (EU)**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.  
 EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**Precautionary statement(s)**

P280 Wear protective gloves/protective clothing.  
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**2.3 Other hazards**

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Chemical characterization**

Flufenacet 600 g/l (SC)

**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>Flufenacet (ISO)</b>			
	142459-58-3 - 613-164-00-9 -	Acute Tox. 4*; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Sens. 1; H317 STOT RE 2*; H373**	48.90	wt%
2	<b>1,2-benzisothiazol-3(2H)-one</b>			

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB

2634-33-5 220-120-9 613-088-00-6 -	Acute Tox. 4*; H302 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 0.05	wt%
---	---	--------	-----

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	-	M = 100	-
2	-	Skin Sens. 1; H317: C >= 0.05%	-	-

No	Route, target organ, concrete effect
1	H373 dermal; liver; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
1	383 mg/kg bodyweight		

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

If medical advice is needed, have product container or label at hand.

#### After inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### After skin contact

Take off contaminated clothing.

Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.

#### After 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.

#### After ingestion

Rinse mouth. Call a POISON CENTER or doctor/physician.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Symptoms

Symptoms/effects : Causes damage to organs.

Symptoms/effects after inhalation : May cause allergic skin reaction.

Symptoms/effects after ingestion : Ingestion of a small amount of this product is a serious health hazard. After

ingestion : Ingestion of a small amount of this product poses a serious health hazard.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

#### Unsuitable extinguishing media

High power water jet

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**5.2 Special hazards arising from the substance or mixture**

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

**For emergency responders**

Personal protective equipment (PPE) - see section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not allow uncontrolled release into the environment.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When collected, handle material as described under the section heading "Disposal considerations".

**6.4 Reference to other sections**

Information regarding waste disposal, see section 13. Information regarding personal protective measures, see section 8. Information regarding safe handling, see section 7.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

**General protective and hygiene measures**

Keep away from food, drinks and animal feeding stuffs. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours.

**Advice on protection against fire and explosion**

No special measures necessary.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

**Incompatible products**

Do not store together with food, beverages and animal feeds. Do not store together with: Bases; Acids

**7.3 Specific end use(s)****Industry solution**

Always read the label and product information before use.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

No parameters available for monitoring.

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**8.2 Exposure controls****Appropriate engineering controls**

No data available.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile rubber

**Other**

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345)

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
white	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
Value	6.89
Concentration	1 %
Source	Manufacturer
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	> 400 °C
Source	Manufacturer
<b>Ignition temperature</b>	
No data available	
<b>Oxidising properties</b>	
not oxidizing	

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**Explosive properties**

The product does not have explosive properties.

**Flammability**

The product is not combustible.

**Lower explosion limit**

No data available

**Upper explosion limit**

No data available

**Vapour pressure**

No data available

**Relative vapour density**

No data available

**Relative density**

Value	1.23
Source	Manufacturer

**Density**

No data available

**Solubility**

No data available

**Partition coefficient n-octanol/water (log value)**

No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
	log Pow	3.2	
	Reference temperature	20	°C
	Source	Manufacturer	

**Kinematic viscosity**

No data available

**Particle characteristics**

No data available

**9.2 Other information****Other information**

No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

The product is stable under normal storage and handling conditions.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Extreme heat; Protect from sun.

**10.5 Incompatible materials**

Bases; Acids

**10.6 Hazardous decomposition products**

In case of fire: see section 5.

**SECTION 11: Toxicological information**

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Acute oral toxicity</b>			
No	Product Name		
1	Glosset SC		
LD50	300	- 2000	mg/kg
Species	rat		
Source	Manufacturer		

<b>Acute dermal toxicity</b>			
No	Product Name		
1	Glosset SC		
LD50	>	2000	mg/kg
Species	rat		
Source	Manufacturer		

<b>Acute inhalational toxicity</b>				
No	Substance name	CAS no.	EC no.	
1	Flufenacet (ISO)	142459-58-3	-	
LC50	>	2	mg/l	
Duration of exposure		4	h	
State of aggregation	Dust/mist			
Species	rat			

<b>Skin corrosion/irritation</b>	
No	Product Name
1	Glosset SC
Source	Manufacturer
Evaluation	non-irritant

<b>Serious eye damage/irritation</b>	
No	Product Name
1	Glosset SC
Source	Manufacturer
Evaluation	non-irritant

<b>Respiratory or skin sensitisation</b>	
No	Product Name
1	Glosset SC
Route of exposure	Skin
Source	Manufacturer
Evaluation	sensitizing

<b>Germ cell mutagenicity</b>			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
Source	Manufacturer		
Evaluation/classification	Based on available data, the classification criteria are not met.		

<b>Reproduction toxicity</b>			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
Source	Manufacturer		
Evaluation/classification	Based on available data, the classification criteria are not met.		

<b>Carcinogenicity</b>			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
Source	Manufacturer		
Evaluation/classification	Based on available data, the classification criteria are not met.		

<b>STOT - single exposure</b>	
No data available	

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB

STOT - repeated exposure	
No	Product Name
1	Glosset SC
Source	Manufacturer
Evaluation/classification	May cause damage to organs through prolonged or repeated exposure

Aspiration hazard
No data available

**11.2 Information on other hazards****Endocrine disrupting properties**

No data available.

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity**

Toxicity to fish (acute)			
No	Product Name		
1	Glosset SC		
LC50		2.13	mg/l
Duration of exposure		96	h
Species	Lepomis macrochirus		
Source	Manufacturer		
Comments	CAS 142459-58-3		

Toxicity to fish (chronic)			
No data available			

Toxicity to Daphnia (acute)			
No	Product Name		
1	Glosset SC		
EC50		30.9	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	Manufacturer		
Comments	CAS 142459-58-3		

Toxicity to Daphnia (chronic)			
No data available			

Toxicity to algae (acute)			
No	Product Name		
1	Glosset SC		
ErC50		<	1
Duration of exposure			72
Species	Algae		mg/l
Source	Manufacturer		h

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No data available			

**12.2 Persistence and degradability**

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
Source	Manufacturer		



**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB

Evaluation	not readily biodegradable
------------	---------------------------

**12.3 Bioaccumulative potential**

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
BCF		71	
Source		Manufacturer	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
log Pow		3.2	
Reference temperature		20	°C
Source		Manufacturer	

**12.4 Mobility in soil**

Mobility in soil			
No	Substance name	CAS no.	EC no.
1	Flufenacet (ISO)	142459-58-3	-
log Koc		2.305	
Source		Manufacturer	

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

Class	9
Classification code	M6
Packing group	III
Hazard identification no.	90
UN number	UN3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	Flufenacet (ISO)
Tunnel restriction code	-
Label	9



---

**Trade name:** Glosset SC**Product no.:** GM 117 C01783 UK**Current version :** 2.0.0, issued: 16.08.2023**Replaced version:** 1.1.2, issued: 28.06.2023**Region:** GB

---

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

### Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

### Creation of the safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

### Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 793581