

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

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

- 1.1 Product identifier

- Trade name: **CLICK PRO**

- Kind of formulation Suspension Concentrate (SC)

- 1.2 Relevant identified uses of the substance or mixture and uses advised against herbicide

- Application of the substance / the mixture Agriculture

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

SIPCAM OXON S.P.A. - Via Sempione, 195 - 20016 PERO (MI) - ITALY

Telephone: + 39 02 35378400 - Fax: +39 02 3390275

e-mail: infosds@sipcam.com

- Informing department: Product safety department.

- 1.4 Emergency telephone number:

For further information on SDS, please contact the following telephone number: +39 02 35378400 (8.00 - 17.00)

or send an e-mail to: infosds@sipcam.com

For POISON CENTRES see section 16

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

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



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

- Additional information: No data

- 2.2 Label elements

- Hazard pictograms



GHS07



GHS08



GHS09

- Signal word Warning

- Hazard-determining components of labelling:

terbuthylazine

alcohols, C16-C18, ethoxylated

- Hazard statements

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021











Trade name: CLICK PRO

(Contd. of page 1)

*H410 Very toxic to aquatic life with long lasting effects.***- Precautionary statements***P102 Keep out of reach of children.**P260 Do not breathe dust/fume/gas/mist/vapours/spray.**P270 Do not eat, drink or smoke when using this product.**P273 Avoid release to the environment.**P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.**P330 Rinse mouth.**P391 Collect spillage.**P501 Dispose of contents/container in accordance with local/regional/national/international regulations.***- Additional information:***SP1 Do not contaminate water with the product or its container.**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.***- 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 the substances listed below with harmless additions.**- Dangerous components:**

CAS: 5915-41-3 EINECS: 227-637-9 Index number: 613-323-00-2	terbuthylazine	≥30-<50%
	 STOT RE 2, H373;  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10);  Acute Tox. 4, H302	
CAS: 68439-49-6	alcohols, C16-C18,ethoxylated	≥3-<10%
	 Eye Dam. 1, H318;  Acute Tox. 4, H302	
CAS: 104206-82-8 Index number: 609-064-00-X	mesotrione	≥2.5-<10%
	 Repr. 2, H361d; STOT RE 2, H373;  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-XXXX	1,2-benzisothiazol-3(2H)-one	≥0.0025-<0.025%
	 Eye Dam. 1, H318;  Aquatic Acute 1, H400;  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 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***Show this safety data sheet to the doctor**Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.***- After inhalation***Supply fresh air and call for doctor for safety reasons.*

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 2)



In case of unconsciousness bring patient into stable side position for transport.

- After skin contact



Instantly wash with water and soap and rinse thoroughly.

- After eye contact *Rinse opened eye for several minutes under running water.*

- After swallowing



Do not induce vomiting; instantly call for medical help.

- Information for doctor

Medical supervision for at least 48 hours

Treat symptomatically and supportively

- 4.2 Most important symptoms and effects, both acute and delayed *No further relevant information available.*

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

Remove person from danger. Remove contaminated clothing and wash with water

*

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.

- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

- 5.3 Advice for firefighters

- Protective equipment:

Wear self-contained breathing apparatus.

Do not inhale explosion gases or combustion gases.

- Additional information

Cool endangered containers with water spray jet.

Collect contaminated fire fighting water separately. It must not enter drains.

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 to enter drainage system, surface or ground water.

Inform respective authorities in case product reaches water or sewage system.

- 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of 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 information on disposal.

GB

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: **CLICK PRO**

(Contd. of page 3)

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
The product is not flammable

- 7.2 Conditions for safe storage, including any incompatibilities

- Storage

- **Requirements to be met by storerooms and containers:** Store in cool location.

- **Information about storage in one common storage facility:** Store away from foodstuffs.

- Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.
The chemical and physical stability is at least 2 years for the product stored in original sealed containers at room temperature

- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- **Additional information about design of technical systems:** No further data; see item 7.

- Components 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.

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 that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- Personal protective equipment

- General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.
Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing
Wash hands during breaks and at the end of the work.

- Breathing equipment:

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

- 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

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- 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.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 4)

- **Eye protection:** Safety glasses recommended during refilling.
- **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Fluid
Colour:	from white to light yellow
Odour:	Characteristic
Odour threshold:	Not determined.

- pH-value (1% g/l) at 20 °C: 2-5

- Change in condition

Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable

- Flash point: > 100 °C (a 1.013 hPA)

- Inflammability (solid, gaseous) Not applicable.

- Ignition temperature: 450 °C

- Explosive properties: Product is not explosive

- Density at 20 °C 1.10-1.14 g/ml

- Solubility in / Miscibility with

Water:	miscible
--------	----------

- Viscosity:

dynamic at 20 °C:	225-383 mPas
kinematic:	Not determined.

- Solvent content:

Organic solvents:	-
-------------------	---

- 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 Toxic fumes may be released if heated above the decomposition point

- 10.4 Conditions to avoid No further relevant information available.

- 10.5 Incompatible materials: No further relevant information available.

- 10.6 Hazardous decomposition products:

Combustion or thermal decomposition will evolve toxic and irritant vapours

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects

- Acute toxicity

Harmful if swallowed.

- LD/LC50 values that are relevant for classification:

Oral	LD50	310 mg/kg (female rats)
------	------	-------------------------

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 5)

Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 (4 h)	>5 mg/l (rat)

CAS: 5915-41-3 terbuthylazine

Oral	LD50	1,590 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 (4 h)	>5.3 mg/l (rat)

CAS: 104206-82-8 mesotrione

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 (4 h)	>4.75 mg/l (rat)

- NOAEL (no observable adverse effect level)**CAS: 5915-41-3 terbuthylazine**

Oral	NOAEL (1y)	0.4 mg/kg bw/day (dogs)
	NOAEL (2y)	0.35 mg/kg bw/day (rat)
		No carcinogenic effects relevant to humans
	NOAEL (90d)	2.1 mg/kg/day (rat)
		Bodyweight and food consumption effects

- Primary irritant effect:**- Skin corrosion/irritation** Based on available data, the classification criteria are not met.**- Serious eye damage/irritation** Based on available data, the classification criteria are not met.**- ingestion** Harmful if swallowed**- Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**- Additional toxicological information:****- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****- Germ cell mutagenicity** Based on available data, the classification criteria are not met.**- Carcinogenicity** Based on available data, the classification criteria are not met.**- 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**

May cause damage to organs through prolonged or repeated exposure.

- Aspiration hazard Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****- 12.1 Toxicity****- Aquatic toxicity:**

EC50 (48h)	53 mg/l (<i>Daphnia magna</i>)
LC50 (96h)	6.7 mg/l (<i>O. mykiss</i>)
EC50 (7d)	0.114 mg/l (<i>Lemna gibba</i>)
ErC50 (72h)	87 µg/l (female mice)

CAS: 5915-41-3 terbuthylazine

FISH: LC50 (96h)	2.2 mg/l (<i>O. mykiss</i>)
NOEC (21d)	0.09 mg a.s./l (<i>O. mykiss</i>)
ErC50 (72h)	0.028 mg/l (<i>Pseudokirchneriella sub capitata</i>)
ErC50 (14d)	0.412 mg/l (<i>Lemna gibba</i>)

CAS: 104206-82-8 mesotrione

EC50 (48h)	>622 mg/l (<i>Daphnia magna</i>)
ErC50 (72h)	13 mg/l (<i>Pseudokirchneriella sub capitata</i>)

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 6)

- 12.2 Persistence and degradability

Biodegradability: Terbutylazine: not readily biodegradable

Stability in water

Terbutylazine Half-life: 6 giorni. It is not persistent in water

Mesotrione Half-life time: > 30 days at 25 ° C. Persistent in water

Stability in the ground

Terbutylazine Half-life: 77-169 days. It is not persistent in soil

Mesotrione Half-life: 6-105 days. It is not persistent in soil

- Environmental toxicity

EbC50 72 µg/l (female mice)

CAS: 5915-41-3 terbutylazine

oral LD50 >22.6 µg/bee (bees)

contact LD50 >32 µg/bee (bees)

LD50 1,236 mg/kg bw (Colinus virginianus)

LC50 (14d) >141.7 mg/kg d.w. soil (Earthworm)

- 12.3 Bioaccumulative potential**CAS: 5915-41-3 terbutylazine**

logPow 3.4 (--)

- 12.4 Mobility in soil**CAS: 5915-41-3 terbutylazine**

BCF 34 l/kg (--)

kfoc 231 ml/g (--)
medium mobility**- Ecotoxicological effects:****- Remark:** Very toxic for fish**- DT 50 (active ingredient)****CAS: 5915-41-3 terbutylazine**

DT50 72 days (soil)

medium to high persistence

- Additional ecological information:**- General notes:**

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into soil.

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 of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:**- Recommendation:**

The container, completely emptied, must not be dispersed in the environment. The container can not be reused

(Contd. on page 8)

GB

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

Printing date 28.05.2021

Version number 2



Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 7)

Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number	UN3082
- ADR/RID/ADN, IMDG, IATA	
- 14.2 UN proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terbuthylazine, mesotrione)
- ADR/RID/ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terbuthylazine, mesotrione), MARINE POLLUTANT
- IMDG	
- IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (terbuthylazine, mesotrione)
- 14.3 Transport hazard class(es)	
- ADR/RID/ADN	
	
- Class	9 (M6) Miscellaneous dangerous substances and articles.
- Label	9
- IMDG, IATA	
	
- Class	9 Miscellaneous dangerous substances and articles.
- Label	9
- 14.4 Packing group	
- ADR/RID/ADN, IMDG, IATA	III
- 14.5 Environmental hazards:	Product contains environmentally hazardous substances: terbuthylazine, mesotrione
- Marine pollutant:	Symbol (fish and tree)
- Special marking (ADR/RID/ADN):	Symbol (fish and tree)
- Special marking (IATA):	Symbol (fish and tree)
- 14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
- Kemler Number:	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/RID/ADN	
- Excepted quantities (EQ):	E1
- 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

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 8)

- Tunnel restriction code	E
- Remarks:	Transport according to ADR Special Provision 375 may apply for UN 3082 and UN3077 using packaging max 5 lt or 5 Kg
- IMDG	5L
- Limited quantities (LQ)	Code: E1
- Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- Remarks:	Transport according to IMDG Code 2.10.2.7 may apply for UN 3082 and UN3077 using packaging max 5 lt or 5 Kg
- IATA	
- Remarks:	Transport according to IATA Regulation Special Provision A197 may apply for UN 3082 and UN3077 using packaging max 5 lt or 5 Kg
- UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TERBUTHYLZINE, MESOTRIONE), 9, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations**
- **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information only concerns the above mentioned product The information is to our best present knowledge. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

A list of European Poison Centres is available on

http://ec.europa.eu/growth/sectors/chemicals/poison-centres/index_en.htm

- H phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

- **Classification according to Regulation (EC) No 1272/2008** Calculation method

- **Department issuing data specification sheet:** SIPCAM OXON S.p.A. - Reparto Sicurezza Prodotti

- **Abbreviations and acronyms:**

Acute Tox. 4: Acute toxicity - oral - Category 4

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1: Skin sensitisation - Category 1

Repr. 2: Reproductive toxicity - Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

(Contd. on page 10)

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

Printing date 28.05.2021

Version number 2

Revision: 28.05.2021

Trade name: CLICK PRO

(Contd. of page 9)

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

- Sources

This MSDS has been prepared based on data provided by EC Regulation 1107/2009

This MSDS has been prepared based on data provided by International SDS Regulation (830/2015)

- * Data compared to the previous version altered.

GB