

## Safety data sheet

According to 1907/2006/CE

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

- **1.1 Product identifier**
  - Trade name **GET OFF PULCI CUCCE 500ml**
  - Article number: Y705001
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
ready to use insecticide
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Blumen Group S.p.a  
Via Carlo Strinati 7/9 - Loc. Le Mose  
29122 Piacenza Italy  
tel. +39 0523 573211  
fax +39 0523 573298  
msds@blumen.it
  - **Informing department:** Product Safety Department
- **1.4 Emergency telephone number:**  
Milano - Ospedale Niguarda - Tel.+39 02 66101029  
Roma - Policlinico A. Gemelli - +39 06 3054343  
Roma - Policlinico Umberto I - Tel.+39 0649  
Ancona - Centro universitario ospedaliero di farmacovigilanza - Tel. +39 0721 81028  
Bergamo - USSA Tossicologia Clinica Ospedali Riuniti di Bergamo - Tel. 800 883300  
Catania - Ospedale Garibaldi - Tel. +39 095 7594120 Numero verde 800 410989  
Firenze - Ospedale Careggi - Tel. +39 055 7947819  
Genova - Ospedale San Martino - Tel. +39 010 352808  
Lecce - Presidio Ospedaliero n. 1 - Tel. +39 0832 351105  
Napoli - Ospedale Cardarelli - Tel.+39 081 7472870  
Pavia - Centro Nazionale di Informazione Tossicologica - Tel.+39 0382 24444  
Pordenone - Ospedale Civile - Tel.+39 0434 550301  
Reggio Calabria - Ospedali Riuniti - Tel.+39 096 5811624

### 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.

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#### · Hazard pictograms



GHS09

#### · Signal word Warning

#### · Hazard statements

H410 Very toxic to aquatic life with long lasting effects.

#### · Precautionary statements

P273 Avoid release to the environment.

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 consisting of the following components:

#### · Dangerous components:

CAS: 34590-94-8 EINECS: 252-104-2	dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	5-10%
CAS: 80844-07-1 ELINCS: 407-980-2	Etofenprox (ISO) Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<0.9%
CAS: 51-03-6 EINECS: 200-076-7	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether Acute Tox. 3, H311; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤0.5%
CAS: 1166-46-7	d-Tetrametrina Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤0.1%

· **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

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact** The product is not skin irritating.

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

· **After swallowing** In case of persistent symptoms consult doctor.

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

No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**  
Inform respective authorities in case product reaches water or sewage system.  
Dilute with much water.
- **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.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

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

- **Components with critical values that require monitoring at the workplace:**

**34590-94-8 dipropylene glycol monomethyl ether**

WEL	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm
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- **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**
  - Respiratory protection : Use efficient exhaust ventilation to remove vapours from hot product.- Hands protection : Use safety gloves while in contact with hot product.- Eyes protection : Safety goggles should be worn while using hot product.- Other protective clothing or equipment : Full body protection against hot, molten product.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:**

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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses recommended during refilling.

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	yellow
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value at 20 °C:** 7
- **Change in condition**

<b>Melting point/freezing point:</b>	not determined
<b>Initial boiling point and boiling range:</b>	>100 °C
- **Flash point:** not applicable
- **Inflammability (solid, gaseous)** Not applicable.
- **Ignition temperature:** 270 °C (DIN 51794)
- **Decomposition temperature:** Not determined.

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- **Self-inflammability:** Product is not self-inflammable.
- **Explosive properties:** Product is not explosive.
- **Critical values for explosion:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapour pressure at 20 °C:** 0.4 hPa
- **Density at 20 °C:** 1.01 g/cm<sup>3</sup> (DIN 51757)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with Water:** fully miscible
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - dynamic:** Not determined.
  - kinematic:** Not determined.
- **Solvent content:**
  - Organic solvents** 6.0 %
  - Water:** 92.6 %
  - Total solids:** 92.8 %
- **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**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**  
With appropriate storage conditions and handling: none.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
In case of fire:  
carbon monoxide and carbon dioxide

### 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 that are relevant for classification:

#### ATE (Acute Toxicity Estimates)

Dermal	LD 50 mg/kg	60,000
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#### 51-03-6 2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether

Dermal	LD 50 mg/kg	300 (ATE)
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- **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.
- **Respiratory or skin sensitisation**  
Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even 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:** Disposal must be made according to official regulations.

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- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

- **14.1 UN-Number**  
· **ADR, IMDG, IATA** UN3082
- **14.2 UN proper shipping name**  
· **ADR** 3082 MATERIA PERICOLOSA PER L'AMBIENTE, LIQUIDA, N.A.S. (Etofenprox (ISO), d-Tetrametrina)
- **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Etofenprox (ISO), d-Tetrametrina), MARINE POLLUTANT
- **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Etofenprox (ISO), d-Tetrametrina)
- **14.3 Transport hazard class(es)**
- **ADR, IMDG, IATA**
-  · 
- **Class** 9 Miscellaneous dangerous substances and articles.
- **Label** 9
- **14.4 Packing group** III
- **ADR, IMDG, IATA** III
- **14.5 Environmental hazards:** Product contains environmentally hazardous substances: Etofenprox (ISO)  
Symbol (fish and tree)
- **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.
- **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:** No dangerous good in accordance to the transport regulations.

- **ADR**

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- **Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml
- **Remarks:** No dangerous good in accordance to the ADR-regulations.

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- **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
- **Remarks:** No dangerous good in accordance to the IMDG-regulations.

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- **IATA**
- **Remarks:** No dangerous good in accordance to the IATA-regulations.
- **UN "Model Regulation":** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETOFPNPROX (ISO), D-TETRAMETRINA), 9, III

**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 ingredients 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
- **National regulations**
- **Technical instructions on air pollution control (TA-Luft):**

Class	content in %
NK	6.0
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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**· Relevant phrases**

- H311 Toxic in contact with skin.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**· Department issuing data specification sheet:** Product Safety Department**· Contact:** Product Safety Department**· 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. 3: Acute toxicity – Category 3
- 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

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