

# SAFETY DATA SHEET

## BIOCAN ESSENTIEL

Version: 3

Publication date: 02/08/2024

In accordance with Regulation (EC) No 1907/2006 (as amended by Regulation (EU) No 2020/878)

### 1. IDENTIFICATION OF THE SUBSTANCE/FORMULATION AND THE COMPANY/COMPANY

1.1 Identification of the substance or preparation: BIOCAN ESSENTIEL

1.2 Relevant identified uses of the substance or mixture and discouraged uses:

Scented Organic Treatment of Pipes/Toilets/Urinals

1.3 Identification of the company/company

IPC  
10 Quai Malbert  
29200 BREST France  
Tél : +33(0)2.98.43.45.44  
Fax : +33 (0)2.98.44.22.53  
ipc@groupe-ipc.com

1.4 Emergency Telephone (to be used by the attending physician):

ORFILA (INRS) – liste centres anti-poisons FR: +33 (0)1 45 42 59 59, BE: +32 70 245 245, ES: +34 91 562 04 20, HR: +3851 2348 342, DK: +45 82 12 12 12, FI: +358 9 471 977, DE: +49 30 19240, HU: +36 80 201 199, LV: +371 670 810 12, LU: +352 8002 5500, NL: +31 (0)88 755 8000, PL: +48 22 25 00 748, RO: +402 13 18 36 06, SK: +421 2 5477 4166  
Company/organization: INRS

### 2. IDENTIFICATION OF HAZARDS

2.1. Classification of the substance or mixture

2.1.1. In accordance with Regulation (EC) No. 1272/2008 and its adaptations

Uncategorized

2.2. Labelling elements

2.2.1. In accordance with Regulation (EC) No. 1272/2008 and its adaptations

None

2.2.2. Disclaimer

None

2.2.3. Product Identifier

Does not contain any ingredient that contributes to a hazard

2.2.4. Hazard statements and additional hazard information

For safety, use only for the intended use and as directed.

Among other ingredients contains:  
< 5% non-ionic surfactants

2.2.5. Precautionary statements

P 102 Keep out of reach of children  
P 262 Avoid contact with eyes, skin or clothing.  
P 280 Wear protective gloves/protective clothing/eye/face protection.  
P 301-P312 in case of ingestion : call a POISON CONTROL CENTER immediately.

2.3. Other hazards

Makes the floor slippery in the event of an accidental tip-over

### 3. COMPOSITION / COMPONENT INFORMATION

3.1 Formula: EU017/3.4

Aqueous scented viscose solution of alkali salts and non-ionic surfactants, non-pathogenic bacteria and enzymes manufactured in situ

Aqueous dispersion of enzymes, non-pathogenic bacteria, non-ionic surfactants, and mineral and organic nutrients

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### 3.2 Mixtures:

Identification	(EC)1272/2008	Note	%
nitrate de sodium EC No.: 231-554-3 CAS No.: 7631-99-4 <b>REACH 01-2119488221-41-XXXX</b>	Ox.Sol.2, H272 Eye Irrit.2, H319		(% pds):1 < C < 5

### 3.3 Remarks:

## 4. FIRST AID

### 4.1. Description of first aid:

#### 4.1.1. In case of inhalation:

In case of massive inhalation and symptoms of dizziness/vertigo, bring the victim into the open air.  
No foreseeable adverse effects by this route of exposure, which can only be accidental under normal conditions of use.

#### 4.1.2. In case of splashes or contact with eyes:

Rinse the eye thoroughly with warm water (20 to 25°C), soft and clean (or with physiological serum), for at least 15 minutes, keeping the eyelids apart. Avoid splashing to the unaffected eye (e.g., with a compress). Water flows always from the nose to the ear. Move the eye in all directions when rinsing.

Remove contact lenses if the victim wears them and if they can be easily removed. Continue to rinse.

If eye irritation persists, or if new symptoms (pain, visual discomfort) occur, consult an ophthalmologist.

#### 4.1.3. In case of contact with skin:

If skin irritation or allergic symptoms occur, consult a physician.

#### 4.1.4. In case of ingestion :

Rinse your mouth.

Do not induce vomiting or drinking (unless otherwise advised by the doctor).

Seek immediate medical attention and show the SDS for the product.

Bring the victim into the open air and keep them warm and resting, in a position where they can breathe comfortably.

### 4.2. Main symptoms and effects, acute and delayed:

The main symptoms and known effects are described on the labelling (see section 2.2) and/or in section 11.

### 4.3. Indication of any immediate medical care and special treatment required :

Seek advice from a poison control centre or toxicologist.

Consult your doctor and show him or her this safety data sheet.

## 5. FIRE-FIGHTING MEASURES

**5.1 Moyens d'extinction :** The product itself does not burn.

Extinguishing means(s) NOT to be used for safety reasons: None.

**5.2 Specific hazards resulting from the substance or mixture:** A fire will produce thick black smoke.

**5.3 Advice to Firefighters :** Use a self-contained breathing apparatus and also protective clothing

**5.4 Additional information:** In the event of a fire nearby, use a water jet to cool exposed surfaces and protect firefighters.

## 6. ACTIONS TO BE TAKEN IN THE EVENT OF AN ACCIDENTAL SPILL

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures :** Ensure adequate ventilation. Evacuate personnel to a safe location.

### 6.1.1. For non-rescuers:

Avoid contact with eyes.

Alert/evacuate people in the immediate area.

Cut off the source of the spill.

Isolate the contaminated area.

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Wear personal protective equipment (see section 8).  
Refer to section 6.3 for containment and clean-up procedures.  
If there is any sign of seriousness, alert the emergency services.

### 6.1.2. For first aiders:

Workers will be equipped with personal protective equipment (see section 8).

**6.2 Environmental Protective Precautions:** Prevent liquid from entering sewers, waterways, basements and basements. If the product contaminates water bodies, rivers or sewers, alert the competent authorities according to the regulatory procedures.

**6.3 Containment and Clean-up Methods and Equipment :** Absorb any spilled product with sand or soil.  
Sweep or remove with a shovel without creating dust to dispose of as chemical waste.  
After cleaning, rinse off any remaining product with water.

**6.4 Reference to other sections :** See section 8 for personal protection to be used.

## 7. HANDLING AND STORAGE

### 7.1. Precautions to be taken for safe handling:

Handle in well-ventilated areas.  
Never snap open packages.  
Wear the personal protective equipment listed in section 8.  
Do not swallow.  
Avoid contact with skin, eyes and clothing.

#### 7.1.1. Fire prevention:

Comply with storage compatibilities (see paragraph 7.2).

#### 7.1.2. Environmental protection:

Avoid contamination of sewers (beyond the recommended dose and use).  
Do not discharge to sewage or watercourses (beyond the recommended dose and use).

#### 7.1.3. Work hygiene instructions :

Wash your hands after each use, and before eating, drinking, or smoking.  
It is forbidden to smoke, eat, and drink in the premises where the preparation is used.  
Do not wear soiled work clothes in places such as offices, seminar rooms, outdoor spaces, etc relaxation facilities, company restaurants or cafeteria.  
Change work clothes frequently and wash them before reuse, especially if they have been soiled by hazardous chemicals.  
Store work clothes separate from street clothes.

### 7.2. Conditions for safe storage, including possible incompatibilities

#### 7.2.1. Stockage

Store tightly closed in a temperate, dry and well-ventilated place, away from light.  
Store in the original container.  
Store away from food and beverages, including those for animals.  
Keep out of reach of children.  
Respect the use-by date indicated on the packaging.  
Store away from incompatible heat sources and materials (see section 10).  
Controlled and limited access (to be kept under lock and key). Avoid the presence of pipes in the room. Control humidity.  
Opened packages must be carefully resealed and kept in an upright position.  
Store away from frost.

#### 7.2.2. Recommended materials:

Store in the original container.

#### 7.2.3. Materials not recommended : None

### 7.3. Specific End Use(s):

Refer to the data sheet and label for details on how to implement the product.  
Do not mix different cleaners.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1 Control Parameters :

#### 8.1.1. Occupational exposure limit values:

Components with threshold values to be monitored per workstation:  
The substances contained in this mixture do not have occupational exposure limit values.

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### 8.2. Exposure controls:

#### 8.2.1. Appropriate engineering controls:

Use clean and properly maintained personal protective equipment. Check the condition before use.  
Store personal protective equipment in a clean area, away from the work area.  
Ensure adequate ventilation, if possible, by suction at the workstations and by suitable general extraction.  
Keep the premises and workstations in a perfect state of cleanliness, clean them frequently.

#### 8.2.2. Personal protective measures:

Personal protective equipment (PPE) must be worn in addition to the collective protective equipment put in place (section 7).

For fire-specific personal protective equipment, see section 5.

a) Eye and face protection:

Avoid contact with eyes.

Wearing prescription glasses does not constitute protection.

b) Hand protection:

None

c) Skin protection:

None

d) Respiratory protection:

When workers are confronted with concentrations above exposure limits, they must wear appropriate and approved masks (with adapted cartridges).

#### 8.2.3. Exposure controls related to environmental protection

No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on essential physical and chemical properties:

Physical Condition: Liquid

Appearance: Opaque liquid

Color: green

Smell: eucalyptus/mint

Melting Point/Freezing Point: Not available

Boil: Not available

Flammability: Not determined

Lower and upper explosion limits: Not available

Flash Point: Not available

Auto-ignition temperature: Not available

Decomposition Temperature: Not available

pH: 6.0

Kinematic viscosity: 300 cP (25°C)

Solubility: Not available

N-octanol/water partition coefficient (Log Pow): Not available

Steam Pressure: Not available

Density: about 1

Relative Vapor Density: Not available

Bulk density: N/A

Particle Characteristics: Not applicable

Maximum VOC content: not available

Nano-form presence: Not concerned

### 9.2. Other information :

#### 9.2.1. Information on physical hazard classes

Explosives: Not applicable

Gaz inflammables : Non applicable

Oxidizing Gases: Not applicable

Pressurized Gas: Not applicable

Flammable liquids: Not applicable

Solides inflammables : Non applicable

Self-responsive: Not applicable

Organic Peroxides: Not applicable

Pyrophoric Liquids: Not applicable

Pyrophoric Solids: Not applicable

Self-Heating: Not applicable

Releases flammable gases on contact with water: Not applicable

Oxidizing Fluids: Not applicable

Oxidizing solids: Not applicable

Corrosive to metals: Not applicable

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Flammable aerosols: Not applicable  
Chemically Unstable Gases: Not applicable  
Desensitized Explosives / Category 1 (GH S02 H206): Not applicable

### 9.2.2. Other security features

Mechanical Sensitivity: Not available  
Self-Accelerated Curing Temperature: Not available  
Formation of explosive dust/air mixtures: Not available  
Acid/Alkaline Reserve: Not available  
Evaporation Rate: Not available  
Miscibility: Not available  
Conductivity: Not available  
Corrosiveness: Not available  
Gas Group: Not available  
Redox potential: Not available  
Free Radical Formation Potential: Not available  
Photocatalytic properties: Not available

## 10. STABILITY AND RESPONSIVENESS

**10.1 Reactivity:** No decomposition if the product is stored and used as prescribed.

**10.2 Chemical Stability :** Stable under the conditions of use and storage recommended in section 7.

**10.3 Potential for Hazardous Reactions:** unknown

**10.4 Conditions to be avoided:** Do not mix with oxidants, as this will lose the enzymatic properties

**10.5 Incompatible materials :** Keep away from oxidizing agents and strongly acidic or alkaline materials to avoid exothermic reactions.

**10.6 Hazardous decomposition products:** When exposed to high temperatures, the preparation may release hazardous decomposition products, such as carbon monoxide and dioxide, fumes, nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects :

**11.1.1. Substance:** Not Affected

**11.1.2. Mixing:**

The product has not been tested. The toxicological data are derived from the properties of the individual constituents.

#### 11.1.2.1. Acute toxicity

Based on the available data, the criteria for classification of acute toxicity are not met

Toxicity of raw materials: None

#### 11.1.2.2. Skin Corrosion/Skin Irritation

Not classified as skin corrosion/skin irritation within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.3. Serious Eye Damage/Eye Irritation

Not classified as serious eye damage/eye irritation within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.4. Respiratory or Skin Sensitization

Not classified with regard to respiratory or skin sensitization within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.5. Carcinogenicity

Not classified as carcinogenicity within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.6. Germ cell mutagenicity

Not classified for germ cell mutagenicity within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.7. Reproductive toxicity

Not classified as reproductive toxicity within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.8. Specific Target Organ Toxicity - Single Exposure

Not classified for specific target organ toxicity - single exposure within the meaning of the Regulation CLP 1272/2008.

#### 11.1.2.9. Specific target organ toxicity - repeated exposure

Not classified for specific target organ toxicity - repeated exposure within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.10. Aspiration Hazard

Not classified as an aspiration hazard within the meaning of CLP Regulation 1272/2008.

#### 11.1.2.11. Interactive effects

No significant interactive effects or known critical hazards for this mixture.

#### 11.1.3. Other information on toxicity

None

### 11.2. Endocrine disrupting property

No other hazards identified in the current state of our knowledge.

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### 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity:

Not classified as a hazard to the aquatic environment within the meaning of CLP Regulation 1272/2008.

##### 12.1.1. Substances :

Ecotoxicity of the raw materials contained in the formulation:

None

##### 12.1.2. Mixtures :

No aquatic toxicity data are available on the mixture.

#### 12.2. Persistence and degradability:

Data on the degradability of the raw materials contained in the formulation:

No data on degradability are available, the substance is considered to be readily degraded.

#### 12.3. Potential for bioaccumulation :

Bioaccumulation data for the raw materials contained in the formulation:

No bioaccumulation data are available for the substances.

No bioaccumulation data are available on the mixture.

#### 12.4. Mobility in soil:

No additional data are available.

#### 12.5. Results of PBT and vPvB assessments:

No other hazards identified in the current state of our knowledge.

#### 12.6. Endocrine disrupting properties

No other hazards identified in the current state of our knowledge.

#### 12.7. Other adverse effects:

No additional data are available.

### 13. DISPOSAL CONSIDERATIONS

Appropriate management of the waste of the mixture and/or its container shall be determined in accordance with the provisions of Directive 2008/98/EC.

Comply with your discharge agreement and the ICPE (Classified Facilities for the Protection of the Environment) regulations.

#### 13.1. Waste treatment methods:

##### 13.1.1. Waste:

Recycle or dispose of in accordance with applicable legislation, preferably by a collector or an approved company.

Do not dump the product down the drain or into waterways.

##### 13.1.2. Soiled packaging:

Empty the container completely. Keep the label(s) on the container.

Do not reuse soiled packaging.

##### 13.1.3. Waste codes:

20 01 30 detergents not containing hazardous substances

15 01 02 Plastic packaging

The following regulations have been considered:

- Waste Directive 2008/98/EC

- Decision 2014/955/EU listing the waste referred to in Article 7 of Directive 2008/98/EC

- Regulation (EU) No. 1357/2014 replacing Annex III to Directive 2008/98/EC (Properties that make waste hazardous)

### 14. TRANSPORTATION INFORMATION

14.1. UN Number or Identification Number: None

14.2. UN Shipping Name: None

14.3. Transport Hazard Class(es): Not Classified

14.4. Packing Group: None

14.5. Environmental Hazards: None

14.6. Special precautions to be taken by the user; Handling precautions: refer to section 7.1. None

14.7. Bulk shipping in accordance with IMO instruments: Not applicable

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### 15. REGULATORY INFORMATION

#### 15.1. Substance- or mixture-specific regulations/legislation in terms of safety, Health and Environment:

##### 15.1.1. Classification and labelling information in Section 2

The following regulations have been considered:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), as amended.

Safety data sheet in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

##### 15.1.2. Detergent composition (EC Regulation 648/2004 and 907/2006):

Less than 5%: non-ionic surfactants, anionic surfactants, fragrance

##### 15.1.3. Nomenclature of classified installations :

2630 – Manufacture of or about detergents and soaps

##### 15.1.4. Occupational diseases according to the Labour Code (Source: INRS): None

##### 15.1.5. Biocidal declaration Not concerned

##### 15.1.6. Substances SVHC:

To the best of our knowledge, this mixture does not contain any substances on the Candidate List of Substances of Very High Concern Subject to Authorisation (SVHC) updated by ECHA.

#### 15.2. Chemical safety assessment

No chemical safety assessment was conducted for the mixture.

The information from the chemical safety assessment of the substances present in the product shall be included in the appropriate sections of this safety data sheet, whenever necessary.

### 16. OTHER INFORMATION

#### 16.1. Wording(s) of the sentences referred to in paragraph 3: None

#### 16.2. Abbreviations and Acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO: International Civil Aviation Organization.

RID : Regulations concerning the International carriage of Dangerous goods by rail.

LC50: Lethal concentration that causes 50% mortality in the population of organisms studied, for a period of time by single administration.

LD 50: Lethal dose causing 50% mortality in the population of organisms studied, for a given time, per single administration.

ATE = Acute Toxicity Estimate

AISE = International Association of Soap, Detergents and Cleaning Products

CLP = Regulation 1272/2008/EC on classification, labelling and packaging of substances and mixtures

TLV: Exposure Limit Value

VME: average exposure value at the workplace

#### 16.3. Modifications

Miscellaneous information

The "Identified Uses" value has been changed, New value: Sanitary cleaners.

Changing security data phrases

Paragraph 8

"Components with threshold values to be monitored per workstation: " has been added

"Avoid contact with eyes. " has been added

"Wearing prescription glasses does not constitute protection." has been added

"When workers are confronted with concentrations above the exposure limits, they must wear appropriate and approved masks (with adapted cartridges)." has been added

"Components with threshold values to be monitored per workstation: " has been removed

"The wearing of prescription glasses does not constitute protection. " has been abolished

"When workers are confronted with concentrations above the exposure limits, they must wear appropriate and approved masks (with adapted cartridges)." has been deleted

#### 16.4. Bibliographical references:

None

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16.5 Additional information: Creation date: 23/11/2023

Release date: 26/08/2024

Date d'impression : 02/08/2024

The information contained in this Safety Data Sheet is based on our current knowledge and on national and European regulations. This Safety Data Sheet describes safety precautions relating to the use of this product for its intended uses, it does not guarantee all the properties of the product, especially in the case of unintended use. The product must not be used for any purpose other than that provided for in Section 1. As the working conditions of the user are not known to us, it is the responsibility of the user to take all necessary measures to comply with the legislation in force for specific users and to avoid negative effects on health.