

## SAFETY DATA SHEET

Nr. **I BIO CAM**

### **SECTION 1. Identification of the substance or mixture and of the company/undertaking**

#### **1.1. Product identifier:**

Name: **I BIO CAM**

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against:**

No other information available.

#### **Use of the Substance / Preparation**

Building material for professional use

#### **1.3. Information about the supplier of the safety data sheet**

Company name, address, location and state, e-mail of the competent person responsible for the safety data sheet:

**EDMEC brand products are produced and distributed for Italy by:**

Single-member DMSrl

41038 San Felice s/P (MO) - Via Scala n°628/D

Part. VAT and Fiscal Code: 03728460365

info@edmec.it – www.edmec.it

#### **1.4. Emergency telephone number**

Niguarda Poison Control Center tel. 02/66101029 (24 hours / 24 hours)

### **SECTION 2. Hazard Identification**

#### **2.1. Substance or mixture classification**

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

The mixture is not considered dangerous in accordance with EC regulation 1272/2008 (CLP).

Harmful physico-chemical effects on human health and the environment: No other dangers

#### **2.2. Label elements**

EC Regulation 1272/2008 (CLP)

Hazard pictograms:

Hazard Statements:

**H318** Causes serious eye damage.

Precautionary advice:

**P280** Wear protective gloves/clothing and eye/face protection.

**P305 + P351 + P 338** IF IN EYES: Rinse thoroughly for several minutes. Remove any contact lenses if it is easy to do so.

Continue rinsing.

**P 310** Immediately call a POISON CENTER.

Special provisions based on Annex XVII of REACH and subsequent adaptations: None

#### **2.3. Other dangers**

No PBT substances or endocrine disruptors present in concentrations  $\geq 0.1\%$

Other hazards: None

### **SECTION 3. Composition/information on ingredients**

#### **3.1. Substances**

Information not relevant.

#### **3.2. Mixtures**

Description: hazardous components according to the CLP regulation and related classification.

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<b>First name</b>	<b>Amount</b>	<b>Identification number</b>	<b>Classification</b>
Hydrated lime	≥ 5% - < 25%	CAS: 1305-62-0 EC: 285-561-1	Skin Irrit . 2 H315 Eye Dam. 1 H318 STOT SE 3, H335

#### **SECTION 4. First aid measures**

##### **4.1. Description of first aid measures**

- In case of contact with skin: Wash thoroughly with soap and water.
- In case of contact with eyes: In case of contact with eyes, wash immediately with plenty of water and consult a doctor.
- In case of ingestion: Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY.
- In case of inhalation: Remove the victim to fresh air and keep him warm and at rest.

##### **4.2. Main symptoms and effects, both acute and delayed**

Nobody

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

Treatment: None

#### **SECTION 5. Firefighting measures**

##### **5.1. Suitable extinguishing media**

Waterfall.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media that must not be used for safety reasons: None in particular.

##### **5.2. Special hazards arising from the substance or mixture**

Do not inhale gases produced by explosion and/or combustion, combustion produces heavy smoke.

##### **5.3. Recommendations for fire fighters**

Use appropriate respiratory equipment.

Collect contaminated water used to extinguish the fire separately.

Do not discharge it into the sewer system.

If safe from a safety perspective, move undamaged containers from the immediate danger area.

#### **SECTION 6. Accidental release measures**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment.

Move people to a safe place.

Consult the protective measures set out in points 7 and 8.

##### **6.2. Environmental precautions**

Prevent penetration into the soil/subsoil.

Prevent runoff into surface water or the sewer system.

Retain contaminated wash water and discard it.

In the event of a gas leak or penetration into watercourses, soil or sewage systems, inform the responsible authorities.

Material suitable for collection: absorbent, organic material, sand.

##### **6.3. Methods and materials for containment and cleanup**

Wash with plenty of water.

##### **6.4. Reference to other sections**

See also paragraphs 8 and 13.

#### **SECTION 7. Handling and storage**

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### 7.1. Precautions for Safe Handling

- Avoid contact with skin and eyes, inhalation of vapors and mists.
- Please also refer to paragraph 8 for the recommended protective devices.
- General recommendations on occupational hygiene: Do not eat or drink while working.

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

- Keep away from food, drink and feed.
- Incompatible materials: None in particular
- Indication for rooms: Adequately ventilated rooms.

### 7.3. Specific end uses

No other information available.

## **SECTION 8. Exposure controls/personal protection**

### 8.1. Control parameters

DNEL exposure limit values: NA

PNEC exposure limit values: NA

### 8.2. Exposure controls

<u>Eye protection</u>	Use closed safety visors, do not use eye lenses.
<u>Skin protection</u>	Wear clothing that guarantees total protection for the skin, e.g. made of cotton, rubber, PVC or viton .
<u>Hand protection</u>	Not necessary for normal use
<u>Respiratory protection</u>	Not necessary for normal use
<u>Thermal risks</u>	Nobody
<u>Environmental exposure controls</u>	Nobody
<u>Suitable technical controls</u>	Nobody

## **SECTION 9. Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

<b><u>General indications</u></b>	
<u>Physical state</u>	Liquid
<u>Color</u>	White / colored according to col.
<u>Odor</u>	Characteristic
<u>Melting point/freezing point</u>	NA
<u>Boiling point or initial boiling point and boiling range</u>	100°C
<u>Flammability</u>	NA
<u>Lower and upper explosive limits</u>	NA
<u>Flash point</u>	NA
<u>Auto-ignition temperature</u>	NA
<u>pH</u>	13
<u>Kinematic viscosity</u>	NA
<u>Water solubility</u>	NA
<u>Fat solubility</u>	NA
<u>octanol /water partition coefficient (logarithmic value)</u>	NA
<u>Vapor pressure</u>	NA
<u>Density and/or relative density</u>	1.3 Kg/l

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<i>Relative vapor density</i>	NA
<i>Particle size</i>	NA

**9.2. More information.**

No other relevant information

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

Stable under normal conditions

**10.2. Chemical stability**

Stable under normal conditions

**10.3. Possibility of dangerous reactions**

Nobody

**10.4. Conditions to avoid**

Stable under normal conditions

**10.5. Incompatible materials**

None in particular

**10.6. Hazardous decomposition products.**

Nobody

**SECTION 11. Toxicological information****11.1. Information on toxicological effects**

Hydrated Lime: LD50 (Oral): 7340 mg/kg Rat; LD50 (Dermal): > 2500 mg/kg rabbit

**Acute toxicity:**

- a) Acute toxicity: Not classified - No data available for the product.
- b) Skin corrosion/irritation: Causes skin irritation
- c) Serious eye damage/eye irritation: Causes serious eye damage.
- d) Respiratory or skin sensitization: Not classified - No data available for the product.
- e) Germ cell mutagenicity: Not classified - No data available for the product.
- f) Carcinogenicity: Not classified - No data available for the product.
- g) Reproductive toxicity: Not classified - No data available for the product.
- h) Specific target organ toxicity (STOT) — single exposure: Not classified - No data available for the product.
- i) Specific target organ toxicity (STOT) — repeated exposure: Not classified - No data available for the product.
- j) Aspiration hazard: Not classified - No data available for the product.

Toxicological information regarding the main substances present in the product: NA

**11.2. Information about other hazards**

Endocrine disrupting properties: No endocrine disruptors present in concentrations  $\geq 0.1\%$

**SECTION 12. Ecological information****12.1. Toxicity**

Hydrated lime:

LC50 - Fish 457 mg/l/96h

EC50 - Crustaceans 49.1 mg/l/48h

EC10 Algae / Aquatic Plants 79.22 mg/l/72h

**12.2. Persistence and degradability**

Hydrated lime

Solubility in water 1000 - 10000 mg/l

**12.3. Bioaccumulative potential****For further technical information:**

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NA

**12.4. Mobility in soil**

NA

**12.5. Results of PBT and vPvB assessment**

PBT: None - vPvB : None

**12.6. Endocrine disrupting properties**No endocrine disruptors present in concentrations  $\geq 0.1\%$ **12.7. Other adverse effects**

Nobody

**SECTION 13. Disposal Considerations****13.1. Waste treatment methods**

Recover if possible.

according to local and national regulations.

Operate

**SECTION 14. Transportation Information****14.1 UN number or ID number**

The product is not to be considered dangerous pursuant to the provisions in force regarding the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA).

**14.2 UN proper shipping name**

NA

**14.3 Transport hazard classes**

NA

**14.4 Packing group**

NA

**14.5 Dangers for the environment**

NA

**14.6 Special precautions for users**

NA

**14.7 Maritime transport in bulk in accordance with IMO acts**

NA

**SECTION 15. Regulatory information****15.1. Health, safety and environmental laws and regulations specific to the substance or mixture**

- Legislative Decree 9/4/2008 n.81
- Ministerial Work 02/26/2004 (Occupational exposure limits)
- Regulation (EC) no. 1907/2006 (REACH)
- Regulation (EC) no. 1272/2008 (CLP)
- Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
- Regulation (EU) no. 2020/878
- Regulation (EU) no. 286/2011 (ATP 2 CLP)
- Regulation (EU) no. 618/2012 (ATP 3 CLP)
- Regulation (EU) no. 487/2013 (ATP 4 CLP)
- Regulation (EU) no. 944/2013 (ATP 5 CLP)
- Regulation (EU) no. 605/2014 (ATP 6 CLP)

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- Regulation (EU) no. 2015/1221 (ATP 7 CLP)
- Regulation (EU) no. 2016/918 (ATP 8 CLP)
- Regulation (EU) no. 2016/1179 (ATP 9 CLP)
- Regulation (EU) no. 2017/776 (ATP 10 CLP)
- Regulation (EU) no. 2018/669 (ATP 11 CLP)
- Regulation (EU) no. 2018/1480 (ATP 13 CLP)
- Regulation (EU) no. 2019/521 (ATP 12 CLP)
- Regulation (EU) no. 2020/217 (ATP 14 CLP)
- Regulation (EU) no. 2020/1182 (ATP 15 CLP)
- Regulation (EU) no. 2021/643 (ATP 16 CLP)

Restrictions relating to the product or substances contained based on Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments.

Product Restrictions: No restrictions

Restrictions relating to the substances contained: Restriction 75

Where applicable, refer to the following regulations:

- Ministerial Circulars 46 and 61 (Aromatic amines).
- Directive 2012/18/EU (Seveso III)
- Regulation 648/2004/EC (Detergents).
- DL 3/4/2006 n. 152 Environmental regulations
- Dir. 2004/42/EC (VOC Directive)

Provisions relating to EU Directive 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1

## 15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture.

## **SECTION 16. Other information**

**H330** Fatal if inhaled.

**H315** Causes skin irritation.

**H318** Causes serious eye damage.

**H317** May cause an allergic skin reaction.

**H302** Harmful if swallowed.

**H400** Very toxic to aquatic organisms.

**H411** Toxic to aquatic life with long lasting effects.

**H310** Fatal in contact with skin.

**H301** Toxic if swallowed.

**H314** Causes severe skin burns and eye damage.

**H410** Very toxic to aquatic life with long lasting effects.

**EUH071** Corrosive to the respiratory tract.

**H319** Causes serious eye irritation.

<b><u>Hazard class and category</u></b>	<b><u>Code</u></b>	<b><u>Description</u></b>
Acute Tox . 2	3.1/2/ Dermal	Acute toxicity (dermal), Category 2
Acute Tox . 2	3.1/2/ Inhal	Acute toxicity (inhalation), Category 2
Acute Tox . 3	3.1/3/ Oral	Acute toxicity (oral), Category 3
Acute Tox . 4	3.1/4/ Oral	Acute toxicity (oral), Category 4
Skins Corr . 1C	3.2/1C	Skin corrosion, Category 1C
Skins Irrit . 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

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<i>Eye Irrit . 2</i>	<i>3.3/2</i>	<i>Eye irritation, Category 2</i>
<i>Skin Sens. 1</i>	<i>3.4.2/1</i>	<i>Skin sensitization, Category 1</i>
<i>Skin Sens. 1A</i>	<i>3.4.2/1A</i>	<i>Skin sensitization, Category 1A</i>
<i>Aquatic Acute 1</i>	<i>4.1/A1</i>	<i>Acute aquatic hazard, Category 1</i>
<i>Aquatics Chronic 1</i>	<i>4.1/C1</i>	<i>Chronic (long-term) aquatic hazard, Category 1</i>
<i>Aquatics Chronic 2</i>	<i>4.1/C2</i>	<i>Chronic (long-term) aquatic hazard, Category 2</i>

This sheet has been revised in all its sections in accordance with Regulation 2020/878.

This document was written by a technician competent in SDS matters and who has received adequate training.

**ADR:** European Agreement concerning the international transport of dangerous goods by road.

**CAS:** Chemical Abstracts Service (division of the American Chemical Society).

**CLP:** Classification, Labeling, Packaging.

**DNEL:** Derived no effect level.

**EINECS:** European inventory of European chemical substances on the market.

**GefStoffVO :** Hazardous Substances Ordinance in Germany.

**GHS:** Globally Harmonized System of Classification and Labeling of Chemicals.

**IATA:** International Air Transport Association.

**IATA-DGR:** Dangerous Goods Regulation of the "International Air Transport Association" (IATA).

**ICAO:** International Civil Aviation Organization.

**ICAO-TI:** Technical instructions of the "International Civil Aviation Organization" (ICAO).

**IMDG:** International Maritime Dangerous Goods Code.

**INCI:** International nomenclature of cosmetic ingredients.

**KSt :** Explosion coefficient.

**LC50:** Lethal concentration for 50 percent of the test population.

**LD50:** Lethal dose for 50 percent of the test population.

**PNEC:** Predicted No Effect Concentration.

**RID:** Regulation concerning the international transport of dangerous goods by rail.

**STA:** Acute toxicity estimate

**STAmix :** Estimation of acute toxicity (Mixtures)

**STEL:** Short-term exposure limit.

**STOT:** Specific organ toxicity.

**TLV:** Threshold limit value.

**TWA:** Time Weighted Average

**WGK:** Water hazard class (Germany).

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