

Product and reference: 006001133 / BIOTEM CON CONSERVANTE ANTIBACTERIAS Y ANTIMOHO

SAFETY DATA SHEET

according to Regulations (EC) 1907/2006 and (EU) 2015/830, Annex I

SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. Product identifier

Product's Description:

Code: 006001133

Name :BIOTEM CON CONSERVANTE ANTIBACTERIAS Y ANTIMOHO

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

Intended Uses: Water-based paint to protect surfaces indoors.

Uses advised against: No other use than intended is advised.

1.3. Details of the supplier of the safety data sheet

PINTURAS BLATEM S.L.

Ctra. Masia del juez, 36 46909 TORRENTE (Valencia, Spain)

Telf.: +34 96 155 00 73 Fax: +34 96 157 37 20

1.4. Emergency telephone number

Emergency tel. number : +34 96 155 00 73 (laboral schedule)

E-mail : tecnico@blatem.com

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the mixture

Classification according Regulation (EC) 1272/2008 - CLP

EUH208.- Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1). May produce an allergic reaction.

EUH210.- Safety data sheet available on request.

2.2. Label elements

Signal Word:

Pictograms:

Contains:

Hazard Statements:

EUH210.- Safety data sheet available on request.

Precautionary Statements:

P102.- Keep out of reach of children.

P103.- Read label before use.

2.3. Other hazards

The product has not other hazards

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

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3.2 Mixtures

Substances presenting a health hazard within the meaning of Regulation (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures:

Name: Limestone

Registration Number:

Einecs Nr.: 215-279-6

Index Annex I:

Cas Nr: 1317-65-3

Conc. range: 25 - 50 %

Classification (*):

Signal Word:

Pictograms:

Name: titanium dioxide

Registration Number: 01-2119489379-17

Einecs Nr.: 236-675-5

Index Annex I:

Cas Nr: 13463-67-7

Conc. range: 2.5 - 10 %

Classification (*):

Signal Word:

Pictograms:

Name: Talc (Mg₃H₂(SiO₃)₄)

Registration Number:

Einecs Nr.: 238-877-9

Index Annex I:

Cas Nr: 14807-96-6

Conc. range: 2.5 - 10 %

Classification (*):

Signal Word:

Pictograms:

Name: Hidrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics. aromatics (2-25%)

Registration Number: 01-2119458049-33-0007

Einecs Nr.: 919-446-0

Index Annex I:

Cas Nr: 64742-82-1

Conc. range: < 1 %

Classification (*):

Flam. Liq. 3 - H226

STOT RE 1 - H372

Asp. Tox. 1 - H304

STOT SE 3 - H336

Aquatic Chronic 2 - H411

Signal Word:

Pictograms:

Name: 4,5-dichloro-2-octyl-2H-isothiazol-3-one

Registration Number:

Einecs Nr.: 264-843-8

Index Annex I:

Cas Nr: 64359-81-5

Conc. range: < 0.1 %

Classification (*):

Acute Tox. 1 - H330

Skin Corr. 1B - H314

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Skin Sens. 1 - H317
Acute Tox. 4 - H302
Acute Tox. 4 - H312
STOT SE 3 - H335
Aquatic Acute 1 - H400

Signal Word: Dgr.- Danger

Pictograms: GHS05 GHS07 GHS09

Name: **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)**

Registration Number:

Einecs Nr.:

Index Annex I: 613-167-00-5

Cas Nr: 55965-84-9

Conc. range: < 0.1 %

Classification (*):

Skin Corr. 1B - H314
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Signal Word: Dgr.- Danger

Pictograms: GHS05 GHS06 GHS09

(*) for full text see Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep the patient warm and rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin contact:

Remove contaminated cloth. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Symptoms: Breathing problems, dizziness, impaired consciousness, disorientation.

Effects: Nausea, decreased responsiveness, impaired vision.

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

If absorbed through inhalation, keep victim under observation. The product is easily eliminated by the human tissues. However, a prolonged or repeated contact may cause metabolic acidosis.

SECTION 5. FIRE FIGHTING MEASURES.

5.1. Extinguishing media

Suitable extinguishing media:: alcohol resistant foam, CO2 , powder, water spray/mist.

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Unsuitable extinguishing media: water jet.

5.2. Special hazards arising from the mixture

Fire will produce dense black smoke containing hazardous substances of combustion. Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing equipment may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

5.3. Advice for firefighters

Protective equipment for fire fighting personnel: Use self contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours and contact with skin and eyes.

6.2. Environmental precautions

Prevent spills to enter drains or watercourses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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 a suitable container for disposal. Clean preferably with a detergent; avoid the use of solvents.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. Remove the collected product and absorbent in accordance with the local waste regulations, see section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the work exposure limits.

Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Keep the container tightly closed.

Exclude sources of heat and open flame. Non-sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in areas of storage and use.

For personal protection, see Section 8.

Never use pressure to empty: the container is not resistant to pressure.

Always keep in containers made of the same material as the supply container.

When the operatives are inside the spray booth, applying or not, and ventilation is not sufficient to control particles and solvent vapour concentrations, air-fed respiratory protective equipment should be worn, until the concentrations mentioned are below the work exposure limits.

7.2. Conditions for safe storage, including any incompatibilities

Storage in accordance with the legal procedures for chemical products.

Observe the label precautions. Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept in a upright position to prevent leakage. The principles contained in the HSE's guidance note Storage and Packaged Dangerous Substances should be observed when storing this product. Store separately from oxidising agents and strongly alkaline and strongly acidic materials, amines, alcohol and water.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

EXPOSURE LIMITS (ACGIH)

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TLV: Threshold Limit Value
TWA: Time Weighted Average
STEL: Short Term Exposure Limit

CAS Nr: 1317-65-3

Name: Limestone

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³): 10
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

CAS Nr: 13463-67-7

Name: titanium dioxide

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³): 10
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

CAS Nr: 14807-96-6

Name: Talc (Mg₃H₂(SiO₃)₄)

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³): 2
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

CAS Nr: 64742-82-1

Name: Hidrocarbons, C₉-C₁₂, n-alkanes, isoalkanes, cyclics. aromatics (2-25%)

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³):
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

CAS Nr: 64359-81-5

Name: 4,5-dichloro-2-octyl-2H-isothiazol-3-one

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³):
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

CAS Nr: 55965-84-9

Name: mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)

(ACGIH) TLV-TWA (ppm):	TLV-TWA (mg/m ³):
TLV-STEL (ppm):	TLV-STEL (mg/m ³):
Dir. 2000/39/EC	
8 h (ppm):	8 h. (mg/m ³):
Short-term (ppm):	Short-term (mg/m ³):

8.2. Exposure controls

Technical measures

Provide a appropriate ventilation, it can obtain by a good local extraction - ventilation and a good extraction system. If it wasn't enough to keep the particles concentrations and solvent vapours beneath exposition limit during the work, must use an appropriate respiration equipment.

Personal protection

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet requirements of the COSHH Regulations.

Respiratory protection:

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Air-fed respiratory protective equipment should be worn when this product is sprayed. This should be in addition to other measures taken to reduce exposure (e.g. in booth design and operation and process modifications). Non-essential and unprotected people should be excluded from the area if exposure is possible.

Hand protection:

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

Skin protection:

Cotton or cotton/synthetic overalls are normally suitable.

Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Viscous liquid	
Odour:	Characteristic	
Odour threshold:	ND	
pH:	ND	
Melting point/freezing point:	ND	
Initial boiling point (°C):	> 35 °C	
Flash point: (°C):	> 60 °C	Method: Closed cup
Evaporation rate:	ND	
Flammability (solid, gas):	NA	
Lower explosive limits:	0,8%	
Vapour pressure:	<= 110 KPa, 50 °C	
Vapour density:	ND	
Relative density:	1,54 g/ml	
Solubility(water):	Soluble	
Partition coefficient: n-octanol/water:	ND	
Auto-ignition temperature:		ND
Decomposition temperature:	ND	
Viscosity:	110 UK 25°C	
Explosive properties:	NA	
Oxidising properties:	NA	

9.2. Other information

Miscibility:	ND	
Fat solubility (solvent, oil):	ND	
Conductivity:		ND

NA: Not applicable

ND: No data available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

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10.5. Incompatible materials

10.6. Hazardous decomposition products

In case of fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

There is no data available on special product-tests.

11.1. Information on toxicological effects

Acute toxicity

Some of the components present acute toxicity but not in sufficient concentration to expect the mixture presents acute toxicity by any of the routes of exposure.

Exposure to organic solvent vapours above work exposure limits may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the kidneys, liver and central nervous systems. Symptoms can be headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, consciousness.

Skin corrosion/irritation

Some of the components have been classified as irritant or corrosive to the skin but not in sufficient concentration to allow the mixture to present risks of skin irritation or corrosion.

Repeated or prolonged contact with the product may result in removal of natural grease from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Serious eye damage/irritation

Some components have been classified as an eye irritant or have irreversible ocular effects but not in sufficient concentration to allow the mixture to present risk of eye irritation or serious eye damage.

Respiratory or skin sensitisation

The mixture contains sensitizing substances in low concentration.

Germ cell mutagenicity

None of the components have been classified as mutagenic.

Carcinogenicity

None of the components have been classified as carcinogenic.

Reproductive toxicity

None of the components has been classified as toxic for reproduction.

STOT-single exposure

None of the components have specific toxicity in certain organs by single exposure.

STOT-repeated exposure

Some of the component substances present specific toxicity in certain organs by repeated exposure but given their low concentration the mixture is not expected to present such a risk.

Aspiration hazard

The mixture due to its high viscosity, is not presenting an aspiration hazard in humans.

SECTION 12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

12.1. Toxicity

The environmental hazards of the preparation have been assessed by the conventional method described in Regulation (EU) 1272/2008-CLP - Dangerous Preparations -, and is Not classified as Dangerous for the Environment, but it contains dangerous substances for the environment. See Section 2.

Information on components:

CAS No: **1317-65-3**

Denomination: **Limestone**

Readily biodegradable:ND

Bioaccumulation potential: ND

LogPow: ND

BCF: ND

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CAS No: **13463-67-7**

Denomination: **titanium dioxide**

N-Class: L(E)C50 > 100 mg/l

Fish Leuciscus idus - LC50 48 h (mg/l): > 1000

Readily biodegradable: Not Bioaccumulation potential: Not anticipated

LogPow: ND BCF: ND

CAS No: **14807-96-6**

Denomination: **Talc (Mg₃H₂(SiO₃)₄)**

Readily biodegradable: ND Bioaccumulation potential: ND

LogPow: ND BCF: ND

CAS No: **64742-82-1**

Denomination: **Hidrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics. aromatics (2-25%)**

Readily biodegradable: ND Bioaccumulation potential: ND

LogPow: ND BCF: ND

CAS No: **64359-81-5**

Denomination: **4,5-dichloro-2-octyl-2H-isothiazol-3-one**

Readily biodegradable: ND Bioaccumulation potential: ND

LogPow: ND BCF: ND

CAS No: **55965-84-9**

Denomination: **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)**

N-Class: L(E)C50 < 1mg/l

Readily biodegradable: ND Bioaccumulation potential: ND

LogPow: ND BCF: ND

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. It can be burned in appropriate installation, respecting the waste regulation of the local authorities.

SECTION 14. TRANSPORT INFORMATION

Always transport according to applicable regulations of the ADR for road, RID for rail, IMDG for sea and IATA for air.

14.1. UN number

UN

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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Clase: Etiqueta:

14.4. Packing group

14.6. Special precautions for user

Do not take special precautions.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Additional Information:

- See Flashpoint in Section 9
- Vapour Pressure less than or equal than 110KPa (50 °C)

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

If the product is affected by Directive 2004/42 / EC - "Limitation of Volatile Organic Compounds in products", see the maximum content in COV's stated in the Technical Data preparation and the label.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Complete text of H-phrases listed in Section 3:

- H226.- Flammable liquid and vapour.
- H372.- Causes damage to organs through prolonged or repeated exposure.
- H304.- May be fatal if swallowed and enters airways.
- H336.- May cause drowsiness or dizziness.
- H411.- Toxic to aquatic life with long lasting effects.
- H330.- Fatal if inhaled.
- H314.- Causes severe skin burns and eye damage.
- H317.- May cause an allergic skin reaction.
- H302.- Harmful if swallowed.
- H312.- Harmful in contact with skin.
- H335.- May cause respiratory irritation.
- H400.- Very toxic to aquatic life.
- H301.- Toxic if swallowed.
- H311.- Toxic in contact with skin.
- H331.- Toxic if inhaled.
- H410.- Very toxic to aquatic life with long lasting effects.

In case of mixing different products, labels and safety data sheets of all products must be observed .

The information contained in this safety data sheet is based on the present state of knowledge and current national and EU legislation. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

The information of the safety data sheet provides guidance on health, safety and environmental aspects of the product

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and should not be construed as any guarantee of technical performance or suitability for particular applications.