



MATERIAL SAFETY DATA SHEET

Conforms to Regulation (EC) No. 453/2010, Annex I - Europe

Release 3.2b

Date 11.06.2015

PE BACTERIOSTATIC 03002

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1. Identification of the substance or preparation**
Product code: 5103002
Identification of the product: PE BACTERIOSTATIC 03002
- 1.2. Use of the substance/preparation**
Manufacture of plastics products
- 1.3. Company/undertaking identification**
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telefono: +39 0331 687.1
fax: +39 0331 687.541 +39 0331 687.542
e-mail: Viba@vibagroup.com
- 1.4. Emergency telephone number (8:30-17:00)**
+39 0331 6871

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008 [CLP] :
Skin corrosion/irritation - Skin Irrit. 2 ; Serious eye damage/eye irritation - Eye Irrit. 2 ;
H-phrases:
H315 Causes skin irritation. H319 Causes serious eye irritation.
P-phrases:
P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
- 2.2. Label elements**
The product does not require a hazard warning label in accordance with CLP criteria
Article 23 Regulation (EC) No 1272/2008 [CLP]
Derogations from labelling requirements for special cases
The specific provisions on labelling laid down in section 1.3 of Annex I shall apply in respect of the following: metals in massive form, alloys, mixtures containing polymers, mixtures containing elastomers.
Metals in massive form, alloys, mixtures containing polymers and mixtures containing elastomers do not require a label according to this Annex, if they do not present a hazard to human health by inhalation, ingestion or contact with skin or to the aquatic environment in the form in which they are placed on the market, although classified as hazardous in accordance with the criteria of this Annex.
- 2.3. Other hazards**
Not classified PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Chemical characterization**
Preparation based on: Polyolefinic Polymer
Contains: pigments and/or additives
- 3.2. Dangerous components**
- 3.2.1. Content:** 5-10% Antimicrobial
CAS number: 90-43-7

EC number: 201-993-5

REACH number: -

PE BACTERIOSTATIC 03002

CLP classification [Regulation (CE)1272/2008]

Eye Irrit. 2 - Serious eye damage/eye irritation | STOT SE 3 - Specific target organ toxicity - single exposure | Skin Irrit. 2 - Skin corrosion/irritation | Aquatic Acute 1 - Hazardous to the aquatic environment |

H phrases: H319,H335,H315,H400

Other classification

-

For full text of H-statements: see SECTION 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

4.1.1. Inhalation

In case of exposure and inhalation of vapours generated at high temperatures, immediately remove the injured person to fresh air. If not breathing, give artificial respiration and call the physician.

4.1.2. Ingestion

Considered to be practically non-toxic.

4.1.3. Skin contact

Wash thoroughly with soap and water. In case of body contact with warm product, immediately put into cold water the injured part and call the physician.

4.1.4. Eye contact

Rinse immediately with water for at least 15 minutes.

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

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

None.

SECTION 5: FIRE FIGHTING MEASURES

5.1.a. Suitable extinguishing media

Water, CO₂, foam.

5.1.b. Extinguishing media which shall not be used for safety reasons

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5.2. Specific hazards

Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapours. Protect respiratory system. Eliminate water used for extinguishing in accordance to local regulations.

5.3. Special protective equipment for firefighters

Use full protective clothing for chemicals and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

Usual precautionary measures when handling chemicals must be respected.

6.2. Environmental precautions

Prevent contamination of soil, drains and surface waters. Inform authorities in case material reaches sewages or rivers.

6.3. Methods for cleaning up

Take up mechanically and dispose in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

7.1. Handling

Handle and open the containers with care. See also 10.1 of the present safety data sheet.

7.2. Storage

Keep away from heat sources. Store in the original container accurately closed, at room temperature and keep away from humidity.

7.3. Specific use(s)

Not applicable

PE BACTERIOSTATIC 03002

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Product in granular form (not very soluble or insoluble).

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Minimize the generation of airborne dust, use of facilities and systems engineering controls to contain any dust generated during processing of the product.

8.2.2. Individual protection measures, such as personal protective equipment

Observe the usual precautionary measures for handling chemicals. The wearing of closed work clothing.

a) Eye / faceprotection

Safety glasses with side-shields (frame goggles) (e.g. EN 166).

b) Skin protection

Chemical resistant protective gloves (EN 374) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

c) Respiratory protection

in case of vapour/aerosol release usage of particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2).

d) Thermal hazards

Due to temperature it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

8.2.3. Environmental exposure controls

Dispose of waste in accordance with local and national regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Granule	Colour:	Colourless
Odour:	odourless	pH value:	not applicable
Boiling point/boiling range:	°C not applicable	Flash point:	°C not applicable
Vapour pressure:	KPA not applicable	Water solubility:	insoluble
Lipid solubility:	not applicable	Partition coefficient: n-octanol/water:	not determined
Viscosity:	cSt not applicable	Vapour density:	KPA not applicable
Evaporation rate:	not applicable		

9.2. Other information

Flammability:	°C not applicable	Explosive limits:	Vol % not applicable
Melting point / softening point:	°C 100-140	Decomposition temperature:	-
Density:	g/cc not determined	Relative density:	g/cc 0,6 - 1,2

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and used in accordance with the recommendations of Use.

10.3. Possibility of hazardous reactions

not applicable

10.4. Conditions to avoid

Keep away from heat sources.

10.5. Materials to avoid

None.

10.6. Hazardous decomposition products

None if the product is used in compliance with the correct usage procedures.



MATERIAL SAFETY DATA SHEET

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PE BACTERIOSTATIC 03002

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

In solid granule form the product can't be tested on animals. When the product is used following the instructions, no harmful consequences have been registered yet.

Toxicity data related to most significant substance contained in the product:

a) Acute toxicity: (LD-50)	> 10000 mg/kg
b) Irritation:	not irritant
c) Corrosivity:	not irritant

Mixture

a) Sensitisation:	not sensitizing.
b) Repeated dose toxicity:	not applicable.
c) Carcinogenicity:	not applicable.
d) Mutagenicity:	not applicable.
e) Toxicity for reproduction:	not applicable.

f) Information on likely routes of exposure:

- inhalation:	there were no serious effects.
- ingestion (swallowing):	the amount ingested by accident not likely to cause harmful effects.
- skin exposure:	there were no serious effects.
- eye exposure:	there were no serious effects.

g) Other information: -

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

We dispose of no data because of the insolubility of the product. Mechanical separation is only possible in purification plants.

12.2. Persistence and degradability

The product is made from non-biodegradable compounds.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

Not relevant.

12.5. Results of PBT and vPvB assessment

Not classified.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Where possible recycling is preferred to disposal. They can be disposed of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

ADR (road) / RID (rail)	None
IMDG (sea)	None
ICAO / IATA (air)	None
Other applicable information	-



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PE BACTERIOSTATIC 03002

- 14.1. **UN number**
-
- 14.2. **UN proper shipping name**
-
- 14.3. **Transport hazard class(es)**
-
- 14.4. **Packing group**
-
- 14.5. **Environmental hazards**
-
- 14.6. **Special precautions for user**
Not applicable
- 14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. **Standards legislation on health and safety legislation specific for the substance or mixture**

EU regulations:
Regulation (EC) No.1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)
and amendments.

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.
Authorisations and/or restrictions on use:

Permissions:

-

Restrictions on use:

-

Other EU regulations:

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15.2. **Chemical Safety Assessment**

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: OTHER INFORMATION

16.1. **H phrases referred to SECTION 3**

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H315	Causes skin irritation.
H400	Very toxic to aquatic life.

16.2. **Date / Revised:**

11.06.2015

Editor

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16.3. **Remarks**

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