

Material Safety Data Sheet

MasterSepticdrosol

according to Reg.UE n.2015/830

Revision of: 09/01/2018

1.- SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Identification of the product: MasterSepticdrosol
1.2 Relevant identified uses of the substance or mixture and uses advised:
Bacterial additive for wastewater treatment

1. Details of the supplier of safety data sheet:

BBA Biotech s.r.l. - Via R. Livatino, 15/17/19 - 20066 MELZO (MI) Italia Tel. +39 0295360243
info@bbabiotech.com

1.4 Emergency telephone number: Tel. +39 0295360243 (office hours) +39 0266101029 (CAV Niguarda MI)

2.- HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture: harmless to humans, animals and environment
2.2 Label elements: none
2.3 Other hazards: none

3.- COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances: //
3.2 Mixtures: powder mixture with bacterial strains, classified as harmless according to legislative decree n. 81 of 15/05/2008. It does not contain GMOs.

4.- FIRST AID MEASURES

- 4.1 Description of first aid measures:
inhalation remove patient from exposure to fresh air
skin contact wash with a plenty of water
eye contact wash with a plenty of water for at least 15 minutes
ingestion rinse your mouth, drink a few glasses of water, do not produce vomiting
- 4.2 Most important symptoms and effects, both acute and delayed:
none
- 4.3 Indication of any immediate medical attention and special treatment needed:
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5.- FIREFIGHTING MEASURES

- 5.1 Extinguishing media: foam, carbon dioxide, powder
5.2 Special hazard arising from the substance or mixture:
none known
5.3 Advice for firefighters: none in particular

6.- ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:
Wear appropriate personal protective equipment
6.2 Environmental precautions: none in particular
6.3 Methods and material for containment and clearing up:
collect the spilled material and wash area with water
6.4 References to other sections: //

7.- HANDLING AND STORAGE

- 7.1 Precautions for safe handling: wash hands after use
7.2 Conditions for safe storage, including any incompatibilities:
store in original containers unopened
7.3 Specific end uses: //

8.- EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters: none
8.2 Exposure controls: not required in normal use
8.3 Individual protection measures
8.3.1 Eyes/face protection: not required in normal use, recommended glasses
8.3.2 Skin/hand protections: not required in normal use recommended rubber gloves
8.3.3 Respiratory protections: not required in normal use, recommended anti-dust mask
8.3.4 Environmental exposure control: not required in normal use

9.- PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: powder in polyvinyl alcohol soluble pouch
9.2 Odor: pleasant light yeast odor
9.3 pH: 7 ± 1 in water 5%
9.4 Melting point/freezing point: does not apply
9.5 Initial boiling point and boiling range: does not apply
9.6 Flash point: not determined
9.7 Evaporation rate: does not apply
9.8 Flammability (solids, gasses): does not apply
9.9 Upper/lower flammability or explosive limits: does not apply
9.10 Vapor pressure: does not apply
9.11 Vapor density: does not apply
9.12 Relative density: 1 kg/dm³ +/- 0.1
9.13 Water solubility: soluble
Fat solubility: not determined
9.14 n-octanol/water partition coefficient: not determined
9.15 Auto-ignition temperature: not determined
9.16 Decomposition temperature: not determined
9.17 Viscosity: does not apply
9.18 Explosive properties: not determined
9.19 Oxidizing properties: not determined

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10.- STABILITY AND REACTIVITY

10.1 <u>Reactivity:</u>	none known
10.2 <u>Chemical stability:</u>	the product is stable under normal conditions of use
10.3 <u>Possibility of hazardous reactions:</u>	none known under normal conditions of use
10.4 <u>Conditions to avoid:</u>	mixing with strong acids and bases
10.5 <u>Incompatible materials:</u>	strong acids and bases
10.6 <u>Hazardous decomposition products:</u>	none known

11.- TOXICOLOGICAL INFORMATION

11.1 <u>Toxicity:</u>	the product is not toxic under normal conditions of handling and use
11.2 <u>Primary routes of exposure:</u>	ingestion, skin and eye contact
11.3 <u>Exposure effects:</u>	
- <u>ingestion</u>	it may cause a slight irritation of the gastrointestinal apparatus
- <u>skin</u>	prolonged contact can cause mild irritation and sensitization
- <u>eyes</u>	it may cause a slight irritation
- <u>inhalation</u>	prolonged exposition may cause a mild sensitization

12.- ECOLOGICAL INFORMATION

12.1 <u>Toxicity:</u>	Does not contain hazardous substances (Reg. CE n. 1272/2008 of 16/12/2008 concerning the classification, labelling and packaging of substances and mixtures) Does not contain environmental hazardous substances (D. Lgs. n. 152 of 03/04/2006 Environmental Regulations.).
12.2 <u>Persistence and degradability:</u>	the product is removed and degraded by biological treatment
12.3 <u>Bio-accumulative potential:</u>	none known
12.4 <u>Mobility in soil:</u>	The product is diffused into the water and can permeate into the soil
12.5 <u>Results of PBT and vPvB assessment:</u>	none known
12.6 <u>Other adverse effects:</u>	none known

13.- DISPOSAL CONSIDERATIONS

13.1 <u>Waste treatment methods:</u>	the product, when disposed of as waste, is to be considered as non-hazardous (D. Lgs. n. 152 of 03/04/2006 Environmental Regulations. according to local regulations for waste similar to solid waste recycling
13.2 <u>Disposal of containers:</u>	

14.- TRANSPORT INFORMATION

14.1 <u>UN number:</u>	not classified
14.2 <u>UN proper shipping name:</u>	not classified
14.3 <u>Transport hazard classes:</u>	not classified
14.4 <u>Packing group:</u>	not classified
14.5 <u>Environmental hazards:</u>	none
14.6 <u>Special precautions for uses:</u>	not classified
14.7 <u>Transport in bulk according to Annex II of Marpol and the IBC Code:</u>	not classified

15.- REGULATORY INFORMATION

15.1 <u>Safety, health and environmental regulations/legislation specific for the substance or mixture:</u>	not classified
15.2 <u>Chemical safety assessment:</u>	not classified

16.- OTHER INFORMATION

The information contained herein is based on the current understanding on the data available for similar products and on current EU and National laws:

1. Reg. CE n.907/2006 20/06/2006 concerning the biodegradability and labelling of detergents
2. D. Lgs. n. 152 of 03/04/2006 Environmental Regulations.
3. D. Lgs. n. 224/2003 del 08/07/2003 (Actuation of the directive 2001/18/CE) concerning the contained use and the deliberate release of genetically modified microorganisms.
4. Reg. CE n. 1907/2006 of European Parliament concerning the REACH system
5. Reg. CE n. 834/2007 of 28/06/2007 concerning the biological production and the labelling of biological products
6. Reg. CE n. 1272/2008 of 16/12/2008 concerning the classification, labelling and packaging of substances and mixtures.
7. D. Lgs. n. 81 of 15/05/2008 Consolidated law on the protection of the health and safety of workers at work

And are drawn up with the support of the currently available data on raw materials and related to the products in delivery, also unique to the security and are not intended to guarantee the proprieties of the product. The company assumes no responsibility for any risk resulting from changes or unknown effects in the characteristics of the raw materials as such or in combination ad use of the product other that specified