

# FULVIC-BLAST

## SAFETY DATA SHEET

Conforms to Regulation (EC) n°1907/2006 (REACH)

### SECTION 1. Identification of the substance/mixture and of the company/enterprise

#### 1.1 Product identifier

Product name : **FULVIC-BLAST**

Product code : FB

Product type : water-soluble soil conditioner

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

##### 1.2.1 Relevant identified uses

Main use category : Industrial, professional, consumers.

Use of the substance / mixture : Professional use for agricultural purposes.

: Professional use in greenhouses.

: Professional use in agriculture, forestry and the fishing industry

##### 1.2.2 Uses advised against

Do not use for any other purposes other than listed.

#### 1.3 Details of the supplier of the safety data sheets

##### 1.3.1 Address of the manufacturer / supplier

IB.ECO B.V.

Industrieterrein De Horsel

Daelderweg 22

6361 HK NUTH

Netherlands

Phone : +31 (0)45 5778305 - Fax : +31 (0)45 5778306

Website : [www.ibeco.nl](http://www.ibeco.nl)

##### 1.3.2 E-mail address of the person responsible for this SDS

[info@ibeco.nl](mailto:info@ibeco.nl)

#### 1.4 Emergency telephone number

| Country        | Organisation/Company                                                             | Address                            | Emergency number | Remark                                                                              |
|----------------|----------------------------------------------------------------------------------|------------------------------------|------------------|-------------------------------------------------------------------------------------|
| United Kingdom | National Poisons Information Service (Belfast Centre)<br>Royal Victoria Hospital | Grosvenor Road<br>BT12 6BA Belfast | 0344 892 0111    | Only for the purpose of informing medical personnel in cases of acute intoxications |
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital        | Dudley Road<br>B18 7QH Birmingham  | 0344 892 0111    | Only for the purpose of informing medical personnel in cases of acute intoxications |

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**SECTION 2. Hazards identification**

**2.1 Classification of the substance or mixture**

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

Classification : Not dangerous

**2.1.2 Classification according to Directive 1999/45/EC [DPD]**

Classification : Not dangerous

Human health hazards : None in particular

**2.2 Label elements**

**2.2.1 Labelling in accordance with Regulation (EC) n°1272/2008 (CLP)**

Hazard pictograms : Non applicable.

Signal word : Non applicable.

Hazardous component(s) : Non applicable

Hazard statements : Non applicable.

**2.2.2 Precautionary statements**

Prevention : P101 – If medical advice is needed, have product container or label at hand.  
: P102 – Keep out of reach of children.

Response : Non applicable

**2.3 Other Hazards**

**2.3.1 Substance/mixture meets the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII**

Non applicable.

**2.3.2 Substance/mixture meets the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII**

Non applicable.

**2.3.3 Other hazards which do not give rise to a classification**

Non applicable.

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

**3.1 Substances**

Non applicable.

**3.2 Mixtures**

| Nom                      | Identifiers                                                                 | % | Classification according to Regulation (EC) No. 1272/2008 |
|--------------------------|-----------------------------------------------------------------------------|---|-----------------------------------------------------------|
| * No substance to signal | (n°CAS) :<br>(n°EC) :<br>(Identification number EU) :<br>(N° REACH = RRN) : |   |                                                           |

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### SECTION 4. First aid measures

#### 4.1 Description of first aid measures

**Inhalation:**  
Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

**Direct contact with skin (of the pure product):**  
Wash thoroughly with soap and running water.

**Direct contact with eyes (of the pure product):**  
Wash immediately and thoroughly with running water for at least 10 minutes.

**Ingestion:**  
Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

|                                      |                    |
|--------------------------------------|--------------------|
| Symptoms/injuries after inhalation   | : No specific data |
| Symptoms/injuries after skin contact | : No specific data |
| Symptoms/injuries after eye contact  | : No specific data |
| Symptoms/injuries after ingestion    | : No specific data |

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

|                     |                                                                                                                                                                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes to physician  | : In the case of consulting a doctor, keep container and the product label at disposal.<br>: In case of Inhalation of products of decomposition in a fire, the symptoms may be delayed. The exposed person may need to remain under medical supervision for 48 hours. |
| Specific treatments | : No specific treatment.                                                                                                                                                                                                                                              |

### SECTION 5. Firefighting measures

#### 5.1 Extinguishing media

|                                |                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Adapt fire extinguishing measures to the environment. Water spray, CO2, foam, chemical powder depending on the materials involved in the fire. |
| Unsuitable extinguishing media | : Water jets. Use jets of water only to cool the surfaces of the containers exposed to fire.                                                     |

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

|                                       |                     |
|---------------------------------------|---------------------|
| Hazards from the substance or mixture | : No specific data  |
| Hazardous combustion products         | : No specific data. |

#### 5.3 Advice for firefighters

**Special precautions and protective equipment for fire-fighters :**

Use protection for the breathing apparatus Safety helmet and full protective suit.  
The spray water can be used to protect the people involved in the extinction.  
You may also use a self-respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...).

Keep containers cool with water spray.

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### SECTION 6. Accidental release measures

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

- 6.1.1 For non-emergency personnel** : Leave the area surrounding the spill or release. Do not touch or walk on the spilled product .Do not smoke.
- 6.1.2 For emergency responders** : Wear gloves and protective clothing.  
Eliminate all unguarded flames and possible sources of ignition. No smoking. Provision of sufficient ventilation. Evacuate the danger area and, if needed, consult an expert.

#### 6.2 Environmental precautions

Contain spill with earth or sand.  
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.  
Discharge the remains in compliance with the regulations

#### 6.3 Methods and material for containment and cleaning up

- 6.3.1 For containment** : Contain the spillage. Recover the product for removal or reuse, if possible. Possibly absorb it with inert material (e.g. sand, vermiculite).  
Prevent it from entering the sewer system.
- 6.3.2 Cleaning procedure(s)** : Rinse the spilled surface thoroughly with water. Clean equipment and clothes.
- 6.3.3. Other information** : Dispose of the product according to the degree and type of contamination, as fertilizer or in an authorized waste dump.

#### 6.4 Reference to other sections

Refer to paragraphs 8 and 13 for more information.

### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

- Protective measures** : Wear appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing.
- General advice on personal health** : Do not eat, drink or smoke when handling this product. Wash hands and other exposed body parts with a mild soap and water before eating, drinking, smoking, and before leaving work.  
Contaminated work clothing should not get out of the workplace.

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

Keep in original container closed tightly.  
Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and `direct exposure of sunlight.

#### 7.3 Specific end use(s)

Agriculture, forestry, fishery.

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**SECTION 8. Exposure control / individual protection**

**8.1 Control parameters**

No data available

**8.2 Exposure controls**

**8.2.1 Exposure controls**

Agriculture, forestry, fishing industry : Use the product according to good agricultural practice. Provide sufficient ventilation to reduce exposure of the technician to contaminants in suspension in the air.

**8.2.2 Personal protection equipment / Health measures**

Thoroughly wash hands, forearms and face after handling chemical products, before eating, Smoking, going to the toilet and at the end of the working day. Wash contaminated clothing before reuse. A washing plant or water must be accessible for cleaning of the eyes and skin.

- A) Eye / facial protection : Not needed for normal use.
- B) Skin and body protection : Not needed for normal use.
- C) Hand protection : Not needed for normal use.
- D) Respiratory protection : Not needed for normal use
- E) Thermal Hazards :. No hazard to report.

**8.2.3 Environmental protection measures :**

Use according to good working practices to avoid pollution into the environment.

**SECTION 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

| Physical and chemical properties             | Value                      |
|----------------------------------------------|----------------------------|
| State of matter                              | Liquid                     |
| Color                                        | Gold/brown                 |
| Odor                                         | Characteristic light smell |
| Odor threshold                               | Not determined             |
| pH                                           | 5-6                        |
| Melting point/freezing point                 | Not determined             |
| Initial boiling point and boiling range      | Not determined             |
| Flash point                                  | Irrelevant                 |
| Evaporation rate                             | Not determined             |
| Flammability (solid, gas)                    | Irrelevant                 |
| Upper/lower flammability or explosive limits | Irrelevant                 |
| Vapor pressure (at ...°C)                    | Not determined             |
| Vapor density (at ...°C)                     | Not determined             |
| Relative density (at ...°C)                  | 1,22 g/cm³ (at 20°C)       |
| Water Solubility                             | 100% soluble               |
| Partition coefficient: n-octanol/water       | Not determined             |
| Auto ignition temperature                    | Not determined             |
| Decomposition temperature                    | Not determined             |
| Viscosity                                    | Not determined             |
| Explosive properties                         | Not explosive              |
| Oxidizing properties                         | Not determined             |
|                                              |                            |

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9.2 Other information

No data available.

SECTION 10. Stability and reactivity

10.1 Reactivity

The product is stable under normal conditions of use and storage.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

There are no hazardous reactions.

10.4 Conditions to avoid

Avoid contamination with other products.

10.5 Incompatible materials

Nothing to report.

10.6 Hazardous decomposition products

Does not decompose when used as intended

SECTION 11. Toxicological information

11.1 Information on toxicological effects

|                                                         |            |                                                            |
|---------------------------------------------------------|------------|------------------------------------------------------------|
| Oral                                                    | ATE (LD50) | 0.0 mg/kg                                                  |
| Dermal                                                  | ATE (LD50) | 0.0 mg/kg                                                  |
| Inhalation                                              | ATE (LC50) | 0.0 mg/L/4h                                                |
| Acute toxicity                                          |            | Not applicable                                             |
| Corrosion / irritation                                  |            | Not applicable                                             |
| Serious eye damage / irritation                         |            | Not applicable                                             |
| sensitization of the respiratory tract or the skin      |            | Not applicable                                             |
| germ cell mutagenicity                                  |            | Not applicable                                             |
| carcinogenicity                                         |            | Not applicable                                             |
| reproductive toxicity                                   |            | Not applicable                                             |
| Specific target organ toxicity (STOT) single exposure   |            | Not applicable (i) specific target organic toxicity (STOT) |
| Specific target organ toxicity (STOT) repeated exposure |            | Not applicable                                             |

SECTION 12. Ecological information

12.1 Toxicity

Product with no particular risk for the environment.  
Use according to good working practices to avoid pollution into the environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

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**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

Substance/mixture meets the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

**12.6 Other adverse effects**

No adverse effects.

**SECTION 13. Disposal considerations**

**13.1 Waste treatment methods**

It is recommended to avoid or minimize the production of waste. Do not remove significant amounts of residual waste from the product through the sewers. The disposal of this product, solutions and the by-products must at all times comply with the legal requirements for protection of the environment and the disposal of waste as well as the requirements of all local authorities..

Depending on the degree and the nature of the contamination, the product can be used in farming or must be disposed of in an approved center.

**SECTION 14. Transport information**

Requirements for transport of dangerous goods according to ADR,RID,ADN, IMDG, ICAO/IATA regulations

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not regulated                           | Not regulated  | Not regulated  | Not regulated  | Not regulated  |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| None                                    | None           | None           | None           | None           |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| None                                    | None           | None           | None           | None           |
| No supplementary information available  |                |                |                |                |

**14.6 Special precautions for user**

No data available.

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

It is not intended to carry bulk.

**SECTION 15. Regulatory information**

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

**15.1.1 EU Regulations**  
Contains no substances subject to restrictions in annex XVII of REACH..

**15.1.2 National regulations**  
No additional information available

**15.2 Chemical safety assessment**

The evaluation of chemical safety for this mixture has not performed by the provider (annex XIV of REACH).

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EN (English)

Date of issue : 01/01/2018  
(7/8)

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### SECTION 16. Other information

#### 16.1 Indication of changes

|                       |                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version               | : 1.1                                                                                                                                                                                                                                                   |
| Date of revision      | : 01 / 01 / 2018                                                                                                                                                                                                                                        |
| Date of issue         | : 01 / 01 / 2018                                                                                                                                                                                                                                        |
| Replaces version      | : 1.0                                                                                                                                                                                                                                                   |
| Indication of changes | : In accordance with Commission Regulation (EU) n°1907/2006 (REACH), Annex II, modified by regulation (EU) n°2015/830.<br>- <b>1.3.1 Address of the manufacturer / supplier</b><br>- <b>1.3.2.E-mail address of the person responsible for this SDS</b> |
| Source                | : ECHA Website <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>                                                                                                                                                                              |

#### 16.2 Abbreviations and acronyms

**ADN** = European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
**ADR** = European Agreement concerning the International Carriage of Dangerous Goods by Road  
**CAS** = Chemical Abstracts Service  
**CLP** = Classification, Labelling and Packaging  
**EC** = European Community  
**EN** = European Norm  
**EUH** = European Hazard Statement  
**GHS** = Globally Harmonised System of Classification and Labelling of Chemicals  
**IATA** = International Air Transport Association  
**IMDG** = International Maritime Dangerous Goods  
**MARPOL 73/78** = Marine Pollution, the International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  
**PBT** = Persistent, Bioaccumulative, Toxic  
**REACH** = Registration, Evaluation and Autorisation of Chemicals  
**RID** = Regulations concerning the International Carriage of Dangerous Goods by Rail  
**RRN** = REACH Registration Number  
**vPvB** = very Persistent, very Bioaccumulative.

#### 16.3 Relevant R-phrases and/or H statements

P101 – If medical advice is needed, have product container or label at hand.  
P102 – Keep out of reach of children

#### 16.4 Training advice

The staff handling this product, must be informed of the precautionary recommended measures and should have access to this information.

#### 16.5 Further information

The information in this Safety Data Form is given in good faith and belief in its accuracy based on our knowledge of the substance/preparation concerned at the date of publication. It does not imply the acceptance of any legal liability or responsibility whatsoever by IBECO B.V. for the consequences of its use or misuse in any particular circumstances. In no case does this dispense the user of the product from compliance with all laws, decrees and regulations existing relative to the product and to health and hygiene and work safety standards. Drawn up according to the provisions of form EFMA (European Fertilizer Manufacturers' Association), and according to ECHA.

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