

## SAFETY DATA SHEET

### RoosterBooster™-MSC-XF (SU-016)

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product Identifiers:

Product Name: RoosterBooster™-MSC-XF

Catalog Number: SU-016

**1.2 Relevant identified uses of the substance or mixture and uses advised against:** For Research Use Only.  
Not approved for human use or in clinical procedures.

##### 1.3 Company Information:

Company: RoosterBio, Inc.  
5295 Westview Drive  
Suite 275  
Frederick, MD 21703

Email Address: [info@roosterbio.com](mailto:info@roosterbio.com)

**1.4 Emergency Telephone Number:** (301) 200-5366

#### Section 2: Hazards Identification

**2.1 Classification of the substance or mixture:** Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200.

**2.2 Label Elements:** Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200.

**2.3 Other Hazards:** Not classified as hazardous but contains human material. Handle according to universal precautions and good laboratory practices.

#### Section 3: Composition/Information on Ingredients

**3.1 Substances:** Not applicable

**3.2 Mixtures:**

**Hazardous components:** No hazardous ingredients

#### Section 4: First Aid Measures

##### 4.1 Description of first aid measures:

**If inhaled:** No special precautions required.

**In Case of Skin Contact:** Wash with water and soap as precaution. If skin irritation persists, consult a physician.

**In Case of Eye Contact:** Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

**If Swallowed:** Immediately give large quantities of water to drink. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, Both acute and delayed:** No information available

**4.3 Indication of immediate medical attention and Special treatment needed:** No information available

**RoosterBooster™-MSC-XF (SU-016)**
**Section 5: Fire Fighting Measures**

|            |   |  |
|------------|---|--|
| <b>5.1</b> | <b>Extinguishing Media</b>                                    |  |
|            | Suitable extinguishing media:                                 | Use water spray, foam, or dry powder.                          |
| <b>5.2</b> | <b>Special hazards arising from the substance or mixture:</b> | No hazardous combustion products are known.                    |
| <b>5.3</b> | <b>Precautions for fire-fighters:</b>                         | In the event of fire, wear self-contained breathing apparatus. |
|            | Further information:  | Use water spray to cool unopened containers.                   |

**Section 6: Accidental Release Measures**

|            |   |  |
|------------|---|--|
| <b>6.1</b> | <b>Personal precautions, protective equipment and emergency procedures:</b> | Use personal protective equipment (refer to Section 8).  |
| <b>6.2</b> | <b>Environmental precautions:</b>   | Prevent product from entering drains.<br>Contain spillage  |
| <b>6.3</b> | <b>Methods and materials for containment and clean up:</b>                  | Decontaminate spillage using at least 1% bleach solution.<br>Collect with inert absorbent material<br>Place in container for disposal according to local/national regulations. |
| <b>6.4</b> | <b>Other information:</b>   | None   |

**Section 7: Handling and Storage**

|            |                             |  |
|------------|-----------------------------|--|
| <b>7.1</b> | <b>Handling:</b>            | Refer to section 8.<br>Handle using universal precautions, laboratory hygiene, and safety practices. |
| <b>7.2</b> | <b>Storage:</b>             | Store in a tightly closed container away from light at -20°C for storage and 2-8°C after thawing.    |
| <b>7.3</b> | <b>Specific end use(s):</b> | Refer to instructions for use.   |

**Section 8: Exposure Controls/Personal Protection**

|            |                                      |   |
|------------|--------------------------------------|---|
| <b>8.1</b> | <b>Control Parameters</b>            |   |
|            | Occupational Exposure Limits:        | Contains no substances with occupational exposure limit values.                             |
| <b>8.2</b> | <b>Exposure controls</b>             |   |
|            | Engineering measures:                | Avoid splashes.   |
|            | <b>Personal Protective Equipment</b> |   |
|            | Respiratory Protection:              | Respirator protection not required.   |
|            | Hand Protection:                     | Chemical resistant gloves.  |
|            | Eye/Face Protection:                 | Safety glasses or goggles.  |
|            | Skin/Body Protection:                | No special protective equipment required.<br>Appropriate clothing to prevent skin exposure. |

**RoosterBooster™-MSC-XF (SU-016)****Section 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

|   |   |
|---|---|
| Appearance:                             | Aqueous solution  |
| Color:                                  | No data available   |
| Odor:                                   | No data available   |
| Odor Threshold:                         | No data available   |
| pH:                                     | No data available   |
| Freezing point:                         | No data available   |
| Boiling point/boiling range:            | No data available   |
| Flash point:                            | Does not flash  |
| Evaporation rate:                       | No data available   |
| Flammability (solid, gas)               | No data available   |
| Upper explosion limit:                  | No data available   |
| Lower explosion limit:                  | No data available   |
| Vapor pressure:                         | No data available   |
| Relative vapor density:                 | No data available   |
| Relative density:                       | No data available   |
| Density:                                | No data available   |
| Solubilities(ies)                       |   |
| Water solubility:                       | Soluble   |
| Partition coefficient: n-octanol/water: | No data available   |
| Auto-ignition temperature:              | No data available   |
| Decomposition temperature:              | No data available   |
| Viscosity:                              | No data available   |
| Explosive properties:                   | Does not apply, substance is not explosive.<br>There are no chemicals associated with explosive properties. |
| Oxidizing properties:                   | Does not apply, substance is not oxidizing.<br>There are no chemicals associated with explosive properties. |

**9.2 Other Information**

No data available

**Section 10: Stability and Reactivity**

|  |  |
|--|--|
| <b>10.1 Reactivity:</b>                        | Stable under recommended storage conditions. |
| <b>10.2 Chemical stability:</b>                | Stable under normal conditions.              |
| <b>10.3 Possibility of hazardous reactions</b> | Stable under normal conditions.              |
| <b>10.4 Conditions to avoid:</b>               | No data available                            |
| <b>10.5 Incompatible materials:</b>            | Strong oxidizing agents.                     |
| <b>10.6 Hazardous decomposition products:</b>  | No decomposition if stored normally.         |

**RoosterBooster™-MSC-XF (SU-016)****Section 11: Toxicological Information****11.1 Information on toxicological effects**

|  |  |
|--|--|
| <b>Acute toxicity:</b>   | No data available  |
| <b>Inhalation:</b>   | No data available  |
| <b>Dermal:</b>   | No data available  |
| <b>Skin corrosion/irritation:</b>                                    | No data available  |
| <b>Serious eye damage/eye irritation:</b>                            | No data available  |
| <b>Respiratory or skin sensitization:</b>                            | No data available  |
| <b>Germ cell mutagenicity:</b>                                       | No data available  |
| <b>Carcinogenicity (IARC/OSHA/NTP/ACGIH):</b>                        | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen. |
| <b>Reproductive toxicity:</b>  | No data available  |
| <b>Specific target organ toxicity single/<br/>Repeated exposure:</b> | No data available  |
| <b>Aspiration hazard:</b>  | No data available  |
| <b>Further Information:</b>  | No additional data is available on the product itself.   |

**Section 12: Ecological Information**

|   |                   |
|---|-------------------|
| <b>12.1 Toxicity:</b>                           | No data available |
| <b>12.2 Persistence and degradability:</b>      | No data available |
| <b>12.3 Bioaccumulative potential:</b>          | No data available |
| <b>12.4 Mobility in soil:</b>                   | No data available |
| <b>12.5 Results of PBT and vPVB assessment:</b> | No data available |
| <b>12.6 Other adverse effects:</b>              | No data available |

**Section 13: Disposal Considerations**

|                                      |  |
|--------------------------------------|--|
| <b>13.1 Waste treatment methods:</b> | Dispose of contents/container in accordance with local regulation.<br>Contact waste disposal services. |
|--------------------------------------|--|



## RoosterBooster™-MSC-XF (SU-016)

### Section 14: Transport Information

|      |   |                     |
|------|---|---------------------|
|      | IATA/ IMDG/ADR/RID/DOT/TDG:   | Not dangerous goods |
| 14.1 | UN number:  | Not applicable      |
| 14.2 | Proper shipping name:   | Not applicable      |
| 14.3 | Transport hazard class:   | Not applicable      |
| 14.4 | Packing group:  | Not applicable      |
| 14.5 | Environmental hazards:  | No                  |
| 14.6 | Special precautions for user:   | None                |
| 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 | <b>Safety, health, and environmental regulations specific for the substance or mixture</b> |   |
|      | <b>SARA 302 Components:</b>  | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.   |
|      | <b>SARA 313 Components:</b>  | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
|      | <b>SARA 311/312 Hazards:</b>   | No SARA Hazards   |
|      | <b>Clean Air Act:</b>  | This product does not contain any hazardous air pollutants (HAP), as defined by the US. Clean Air Act Section 112 (40 CFR 61).  |
| 15.2 | <b>Chemical safety assessment:</b>   | Not required  |

### Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. Final determination of the suitability of any material is the sole responsibility of the user. RoosterBio, Inc. reserves the right to revise this SDS periodically as new information becomes available. It does not represent any guarantee of the properties of the product. RoosterBio, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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