

SAFETY DATA SHEET

| SECTION 1 | PRODUCT AND COMPANY IDENTIFICATION | |
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| Trade Name: | PowerCoat® Microbial Inoculant | |
| Primary Use: | Microbial Inoculant for Bulk Granular Fertilizer Impregnation | |
| Company Information: | Corporate Headquarters | The Mosaic Company 101 East Kennedy Blvd, Ste 2500 Tampa, FL 33602 |
| | US Guarantor | Mosaic Biosciences Headquarters 5 Lab Drive, Suite 3200 Durham, NC 27709 Production 111 E. Tever Street Plant City, FL 33563-2417 |
| | Canada Guarantor | Mosaic Canada Crop Nutrition, LP 1700 – 2010 12th Ave. Regina, SK Canada S4P 0M3 |
| | Contact Info | www.cropnutrition.com +1 (813) 718-7284 MBNAinfo@mosaicco.com |
| Emergency Telephone: | EMERGENCY OVERVIEW 24 Hour Emergency Telephone Number: <u>For Chemical Emergencies:</u> Spill, Leak, Fire or Accident Call CHEMTREC North America: (800) 424-9300 (reference CCN201871) Others: (703) 527-3887 (collect) | |

| SECTION 2 | HAZARD IDENTIFICATION | |
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| OSHA/HCS Status: | This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). See appropriate classifications below. | |
| GHS Classification: | SERIOUS EYE DAMAGE - Category 1 | |
|  | Signal Word: DANGER Hazard Statement(s) Causes serious eye damage. | |
| Label Elements: | | |
| Prevention: | Wear eye or face protection. | |
| Response: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. | |

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| SECTION 3 | COMPOSITION INFORMATION ON INGREDIENTS | | |
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| Composition: | Component | CAS# | Percentage |
| | Bacillus subtilis | n/a | <1% |
| | Bacillus methylotrophicus | n/a | <1% |
| | Bacillus amyloliquefasciens | n/a | <1% |
| | Bacillus megaterium | n/a | <1% |
| | Bacillus licheniformis | n/a | <1% |
| | Oil Based Culture Medium | n/a | 99% |

| SECTION 4 | FIRST AID MEASURES | |
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| First Aid Procedures: | Eyes: | Move victim away from exposure and into fresh air. Flush eyes with plenty of clean water for at least 15 minutes. If symptoms persist, seek medical attention. |
| | Skin: | Wash contaminated area thoroughly with mild soap and water. If chemical or solution soaks through clothing, remove clothing and wash contaminated skin. If irritation develops and persists after washing, seek medical attention. |
| | Inhaled: | If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. |
| | Ingestion: | Rinse mouth thoroughly. If large amounts are swallowed, seek emergency medical attention. |

| SECTION 5 | FIRE FIGHTING MEASURES |
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| Extinguishing Media: | Product is not flammable. Use extinguishing agent suitable for type of surrounding fire. |
| Protection of Firefighters: | Positive pressure, self-contained breathing apparatus is required for all firefighting activities involving hazardous materials. |

| SECTION 6 | ACCIDENTAL RELEASE MEASURES |
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| Response Techniques: | Contain spill, absorb liquid with clay or other absorbent material. Sweep up and package appropriately for disposal. |

| SECTION 7 | HANDLING AND STORAGE |
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| Handling: | Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wash contaminated clothing or shoes. Use good personal hygiene practices. |
| Storage: | Use and store this material in dry, well-ventilated areas. Store only in approved containers. Keep container(s) tightly closed. Avoid excessive heat and direct sunlight. |

| SECTION 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION | |
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| Engineering Controls: | Use process enclosure, general dilution ventilation or local exhaust systems where necessary to maintain airborne dust concentration below the OSHA standards or in accordance with applicable regulations. | |
| Personal Protective Equipment (PPE): | Eye/Face: | Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. |
| | Skin: | Wear pants, shirt, shoes and socks. Gloves may be worn by individuals with sensitive skin. |
| | Respiratory: | Under normal conditions, none required. If drift occurs, wear breathing apparatus |
| | Other: | A source of clean water should be available in the work area for flushing eyes and skin. |
| General Hygiene Considerations: | Wash thoroughly after handling Use adequate ventilation | |
| Exposure Guidelines: | OSHA Permissible Exposure Limits (PEL): | No OSHA TLV |

| SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES | | |
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| Appearance: | Dark brown or black solution (liquid) | Vapor Pressure (mm Hg): | Not applicable |
| Odor: | Characteristic fermentation odor | Vapor Density (air=1): | Not applicable |
| Odor Threshold: | No data available | Specific Gravity or Relative Density: | Not applicable |
| Physical state: | Liquid | Bulk Density: | 0.93 ± 0.02 g/mL |
| pH: | 6 – 7 | Solubility in Water: | Soluble |
| Melting Point/ Freezing Point: | Not applicable | Partition coefficient: | No data available |
| Boiling Point: | 212°F | Auto-Ignition Temperature: | Not applicable |
| Flash Point: | Not applicable | Decomposition Temperature: | Not applicable |
| Evaporation Rate: | No data available | Viscosity: | No data available |
| Flammability: | Not applicable | Volatility: | Not applicable |
| Upper/Lower Flammability or explosive limits | Not applicable | | |

| SECTION 10 | STABILITY AND REACTIVITY |
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| Reactivity: | No specific test data related to reactivity available for this product. |
| Chemical Stability: | Stable under normal conditions. Must be kept dry. |
| Possibility of hazardous reactions: | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to Avoid: | Extreme temperatures. |
| Incompatible Materials: | Strong acid & alkali, organic solvents and oxidizing agents |
| Hazardous Decomposition Products: | None |



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| SECTION 11 | TOXICOLOGICAL INFORMATION |
| No components of this product are listed as toxic or carcinogenic by NTP, IARC, or OSHA | |

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| SECTION 12 | ECOLOGICAL INFORMATION |
| Ecotoxicology: | This product is bio-degradable. Dispose of this product by diluting it with water and apply to soil, plants, turf, etc. |

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| SECTION 13 | DISPOSAL CONSIDERATIONS |
| | Recover or recycle if possible. Properly characterize all waste materials. Consult federal, state/provincial and local regulations for bacteria regarding the proper disposal of this material. |

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| SECTION 14 | TRANSPORT INFO |
| Non-hazardous | |

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| SECTION 15 | REGULATORY INFORMATION |
| Not Applicable | |

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| SECTION 16 | OTHER INFORMATION |
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| Preparation: | The preparation of this SDS was in accordance with ANSI Z400.1-2010. |
| Revision Date: | June 7, 2023 |