

# BM6

## Safety Data Sheet

Date of Publication: March, 2021

### Section 1: Identification

**Product Name:** RTI- Ag BM6

**Recommended Use:** Soil amendment

**Manufacturer Information:** Reforestation Technologies International  
5355 Monterey Frontage Rd.  
Gilroy, CA 95020  
(408) 848-9604  
<https://www.reforest.com>

### Section 2: Hazard(s) Identification

**Hazard Class:** None

**Hazard Statements:** May form combustible dust in air; may cause irritation if inhaled.

**Precautionary Statements:** Exposure to high concentrations of dust may result in upper respiratory tract (nose and throat) irritation. An allergic reaction may occur in some individuals due to inhalation of or when in contact with this product.

### Section 3: Composition / Information on Ingredients

**Chemical Name:** Powder substance containing 6 bacterial species belonging to the genus *Bacillus*.

**Common Name:** Bacterial inoculant

**Chemical Abstracts Services (CAS):**

CAS#	Component
None	<i>Bacillus</i> spp.
None	Inert carrier*

\*AS PER 29 CFR §1910.1200, THE SPECIFIC CHEMICAL IDENTITY AND EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET. NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) SECTION 313 OF TITLE III AND 40 CFR 372 ARE PRESENT.

### Section 4: First-Aid Measures

**Inhalation:** Move person to fresh air. If irritation persists, seek medical attention.

**Skin Contact:** Wash thoroughly with soap and water. Consult a physician if symptoms persist.

<b>Eye Contact:</b>	If product enters the eyes, wash thoroughly with soap and water. Seek medical attention if irritation persists.
<b>Ingestion:</b>	If swallowed and the person is conscious, give large amounts of water to drink and make person vomit. Seek medical attention.
<b>Recommendations:</b>	For health emergencies, call your local poison control center. Provide general supportive measures and treat symptomatically.

## Section 5: Fire-Fighting Measures

<b>General Fire Hazards:</b>	Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive mixtures in the air.
<b>Hazardous Combustion:</b>	Isolate from alkalis, oxidizers, extreme heat, and open flame.
<b>Extinguishing Equipment:</b>	Water, carbon dioxide, dry chemical powder, alcohol resistant foam or water spray.
<b>Special Protective Equipment:</b>	Wear full protective clothing and a National Institute for Occupational Safety and Health (NIOSH) approved self-contained, breathing apparatus. In the event of a fire, use agents appropriate to surrounding materials to extinguish fire. Evacuate downwind if large quantities are involved in fire.

## Section 6: Accidental Release Measures

<b>Cleanup Procedures:</b>	Sweep up and place material into a clearly marked container for chemical waste. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air). Non-sparking tools should be used. Flush area with water.
<b>Environmental Precautions:</b>	Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

## Section 7: Handling and Storage

<b>Safe Handling:</b>	Appropriate warehouse and production-handling practices should be followed to limit the amount of dust spread. Avoid sources of ignition. If product is pneumatically conveyed or pressurized in high concentration, devices to control static electricity are recommended. Always wear mask when handling.
<b>Safe Storage:</b>	Product should be stored on pallets without contact to walls, ceilings or floor. Storage areas should be well ventilated and free of strong and objectionable odors. Avoid open flames and spark sources.

Store in a tightly closed container in a dry, well-ventilated place at temperature range of 15° – 30° C.

## Section 8: Exposure Controls / Personal Protection

<b>General Product Information:</b>	No known conditions are generally aggravated by exposure when under proper usage conditions.
<b>Personal Protective Equipment:</b>	The user, as part of a formal exposure risk assessment, should decide upon the provision of personal protective equipment and the need to provide engineering control measures. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.
<b>Eyes/Face:</b>	Eye protection is recommended. Wearing contact lenses is not recommended in a dusty environment.
<b>Skin:</b>	Wear impervious gloves and protective clothing.
<b>Respiratory:</b>	Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>General Hygienic Practices:</b>	Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.
<b>Recommendations:</b>	Wear mask when handling.

## Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Tan, grey powder
<b>Odor:</b>	Bland, earthy fragrance
<b>Odor Threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Melting Point/Freezing Point:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability (Solid Gas):</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not applicable
<b>Vapor Pressure:</b>	Not determined
<b>Relative Density:</b>	Not applicable
<b>Solubility:</b>	Not water soluble
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not applicable
<b>Viscosity:</b>	Not applicable

## Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid:</b>	Isolate from extreme heat, sparks, high temperatures and open flame.

**Materials to Avoid:** Strong oxidizing agents, acids and bases.

**Polymerization:** Will not occur

## Section 11: Toxicological Information

**Acute and Chronic Toxicity:** Eye and skin contact may cause irritation. Inhalation may cause irritation. Material can be harmful if swallowed.

**Carcinogenicity:** No significant concern.

## Section 12: Ecological Information (non-mandatory)

**Ecotoxicity:** This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and Degradability:** The product is expected to be biodegradable

**Bio Accumulative Potential:** The product is not expected to bioaccumulate

**Bioconcentration Factor (BCF):** Not Available

**Mobility in Soil:** Not Available

**PBT and vPvB Assessment:** Not Available

**Other Adverse Effects:** Not Available

## Section 13: Disposal Considerations (non-mandatory)

**Recommendations on Disposal:** If material is released or spilled, sweep up and scoop into container for reuse, recycling or disposal. Keep out of all waterways. Apply as soil amendment to field. If product is contaminated, dispose of in an approved landfill disposal facility in accordance with federal, state, provincial or local regulations.

## Section 14: Transport Information (non-mandatory)

**UN Number:** Not applicable

**UN Proper Shipping Name:** Not applicable

**Transport Hazard Class:** Not applicable

**Packing Group Number:** Not applicable

**Environmental Hazards:** Not applicable

**Guidance on Transport in Bulk:** Not applicable

**Special Precautions:** None

## Section 15: Regulatory Information (non-mandatory)

<b>United States:</b>	In accordance with California Prop 65, this product does not contain chemicals known to the state of California to cause cancer and/or birth defects. In accordance with Toxic Substance Control Act (TSCA), all components are listed or exempt. In accordance with Superfund Amendments and Reauthorization Act (SARA 302, 311-313), all components are listed or exempt.
<b>Australia:</b>	In accordance with Australian Inventory of Chemical Substances (AICS), all components are listed or exempt.
<b>China:</b>	In accordance with Inventory of Existing Chemical Substances Produced or Imported in China (IECSC), all components are listed or exempt.
<b>European Union:</b>	Not Banned
<b>Taiwan:</b>	In accordance with Taiwan Chemical Substance Inventory (TCSI), all components are listed or exempt.
<b>New Zealand:</b>	In accordance with New Zealand Inventory of Chemicals (NZIoC), all components are listed or exempt.

## Section 16: Other Information

**Date of Publication:** March, 2021

### **Notice Concerning This Safety Data Sheet:**

The information contained herein is offered only as a guide to the handling of these specific materials. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.



**RTI-Ag is a division of  
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Gilroy, CA 95020**

**For additional assistance, please contact the *Director of Operations* at  
(408)848-9604**