



MATERIAL SAFETY DATA SHEET

ISSUED SEPTEMBER 2018

PRODUCT NAME: BRF-4 NITRIFIERS

PRODUCT CODE: 07

DESCRIPTION: BACTERIA OF THE NITROBACTER AND NITROSOMONAS SPECIES IN WATER.

SECTION II -- HAZARDOUS INGREDIENTS

NOT REGULATED UNDER THE OSHA HAZARD COMMUNICATION STANDARD, 29CFR1910.1200

SECTION III -- PHYSICAL DATA

Boiling point: 100° C

pH: 6-8

Solubility in Water: 100%

Appearance and Odor: MUSTY, LIGHT BLUE TO AMBER

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Ignition Temperature: NOT COMBUSTIBLE.

Extinguishing Media: N/A

Special Fire-fighting Procedures: N/A

Unusual Hazards: N/A

SECTION V -- REACTIVITY DATA

Stability: STABLE.

Hazardous Polymerization: NONE.

Conditions to Avoid: NONE.

Materials to Avoid: NONE.

Hazardous Decomposition Products: NONE.

SECTION VI -- TOXICITY INFORMATION

Acute Toxicity:

Ingestion: NATURAL BACTERIA CONSIDERED NON-TOXIC AND NON-PATHOGENIC. CONSULT PHYSICIAN.

Inhalation: NO APPLICABLE INFORMATION. AVOID INHALATION OF MIST.

Skin Contact: NON-IRRITATING.

Eye Contact: NO APPLICABLE INFORMATION. AVOID CONTACT WITH EYES.

Chronic Toxicity: NO CHRONIC TOXIC AFFECTS ARE KNOWN.

Mutagenicity: NONE.

SECTION VII -- FIRST AID

Ingestion (swallowing): NONE RECOMMENDED. CONSULT PHYSICIAN.



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Inhalation (breathing): NONE RECOMMENDED. CONSULT PHYSICIAN.

Skin Contact: FLUSH WITH SOAPY WATER.

Eye Contact: FLUSH WITH CLEAN WATER.

SECTION VIII - - SPECIAL PROTECTION INFORMATION

Respiratory Protection: DO NOT INHALE MIST WHEN SPRAYING PRODUCT. USE NIOSH-APPROVED RESPIRATORY EQUIPMENT WHEN SPRAYING.

Eye Protection: KEEP OUT OF EYES. SAFETY GOGGLES ARE RECOMMENDED.

Skin Protection: WEAR RUBBER GLOVES. KEEP OUT OF SORES OR WOUNDS.

SPILL OR LEAK PROCEDURES:

Steps Recommended: CLEAN UP SPILL WITH SOAPY WATER. NO SPECIAL RESTRICTIONS ON DISPOSAL OF WASH WATER. DISINFECT SPILL AREA WITH CLEAN WATER TO WHICH HOUSEHOLD BLEACH IS ADDED AT THE RATE OF 1/2 CUP PER 5 GALLONS.

SPECIAL PRECAUTIONS:

Handling and Storage: KEEP CONTAINERS CLOSED WHEN NOT IN USE TO PREVENT CONTAMINATION OF THE PRODUCT AND MINIMIZE RISK OF SPILLS. USE GOOD INDUSTRIAL HYGIENE PRACTICES. STORE IN COOL, DRY AREA. DO NOT ALLOW TO FREEZE. THIS MATERIAL IS NOT CONSIDERED A HAZARDOUS MATERIAL UNDER RCRA AND MAY BE DISPOSED OF IN LANDFILLS OR SANITARY SEWERS.

REGULATORY INFORMATION:

EPA: THIS MATERIAL IS NOT CONSIDERED TO MEET ANY HAZARD CATEGORY OF SARA TITLE III.

Transportation: THE TRANSPORTATION OF DANGEROUS GOODS ACT CLASSIFICATION FOR THE PRODUCT IS: NOT REGULATED.

DOT Classification: NON-TOXIC, NON-CORROSIVE, CHEMICAL NOI, NON-HAZARDOUS.

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