



Sciento/FAST – a subsidiary of Bio-Microbics, Inc.

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Section 1 - Identification

Trade Name: Mighty Mike®
Product Name: U&F-BOOST!®
Product Description: For treatment of sewage
Manufacturer Item No.: T-1464, T-1461, T-1462, T-1421, T-1422, T-1451, T-1452
D.O.T. Proper Shipping Name: Chemicals not otherwise indexed [NOI], non-hazardous

PART #	DESCRIPTION	PACKAGE SIZE
T-1461	Mighty Mike® U&F-BOOST!® (250)	6 oz. [0.05 kg] Jar - ~25 tablets
T-1462	Mighty Mike® U&F-BOOST!® (500)	6 oz. [0.05 kg] Jar - ~14 tablets
T-1421	Mighty Mike® U&F-BOOST!® (250)	2# [0.9 kg] Bottle - ~156 tablets
T-1422	Mighty Mike® U&F-BOOST!® (500)	2# [0.9 kg] Bottle - ~94 tablets
T-1451	Mighty Mike® U&F-BOOST!® (250)	5# [2.26 kg] Pail - ~391 tablets
T-1452	Mighty Mike® U&F-BOOST!® (500)	5# [2.26 kg] Pail - ~235 tablets

Section 2 – Composition Information

Chemical Family: Microbial Formulation
 Class 1 blend (X3-WWB25-UF-25X)
Spore Count (CFU/g): 2.50E+10
Odor: natural/slight fermentation

TL V or suggested control value: No TL V assigned to this mixture. Control of exposure to below the TL V for the ingredients will be sufficient. Minimize exposure in accordance with good hygiene practice. Avoid handling which would create large amounts of dust. To maintain shelf life, avoid prolonged exposure to high temperatures and humidity. The ACGIM TL V's shown in SECTION II are OSHA PEL's (Permissible Exposure Limits).

Section 3 - Hazardous Ingredients

Contains: No hazardous components as listed in 29 CFR 1900.1000 or other pertinent sections of OSHA regulations.
Evaporation Rate: N/A
Solubility in Water: Soluble

Section 4 – First Aid Measures

Respiratory protection: If needed, use MSHA-NIOSH approved respirator for nuisance dust.

Skin contact: Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. Wash with soap and water if skin exposure results. If exposed to open wound results, wash with anti-bacterial soap and consult Physician. These organisms are susceptible to many commonly-used antibiotics. Slight redness on hands and forearms may occur, if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.

Eye protection: Wear protective eye gear or a chemical-type face shield to prevent exposure to eyes recommended. Eyewash station recommended in work area.

Do not ingest. Keep out of reach of children!

Ingestion: A single dose of this product is rarely toxic by ingestion and results in no effect. However, consuming product may lead to nausea or diarrhea, irritation of the mouth, pharynx, esophagus and stomach. Give 16-32 ounces of water to dilute product. Do not induce vomiting. Contact Physician or Poison Control Center, if condition persists.

Section 5 - Fire & Explosion Hazard Data

Flash point & Method: N/A
Explosion Characteristics: N/A
Extinguishing media: N/A
Special firefighting protective equipment: None
Unusual fire and explosion hazards: None
Ignition Temperature: N/A

Section 6 - Spill or Leak Procedures

Precautions to be taken in handling or storing: Prevent skin and eye contact. Avoid creating aerosol. Wash hands thoroughly with soap and water after use. Avoid creating dust.

Steps to be taken in case material is released or spilled: Wear approved respirator for nuisance dust during cleanup.

For small spills, flush to waste treatment sewer (product is biodegradable). For large spills, check local and state authority requirements for disposal. Uncontaminated spills can be returned to container for reuse.

Section 7 – Storage & Handling

Storage: Store in a dry area between 40° F-105° F (5° C- 40° C).
Ventilation: General mechanical ventilation.
Protective clothing: Use rubber gloves to prevent exposure to skin.

Section 8 - Exposure Control

Eye contact: Avoid creating dust, may cause eye irritation. If eye exposure results, flush with water for 20 minutes and consult Physician.

Inhalation: Can cause allergic type response to susceptible or hypersensitive individuals upon repeated or prolonged exposure. Remove individual to fresh air if inhalation occurs. Contact Physician if condition persists. Other effects of overexposure: None known

Section 9 - Physical Data

State: Pressed powder
Solubility: water
Boiling Point: No Data
pH: 5.5-8.0
Appearance: off white – light tan
Vapor Density: N/A
Specific Gravity: 4.0- 5.5 lb./gal

Section 10 – Stability & Reactivity Data

Stability: Stable under normal conditions.
Incompatibility: Strong acids or alkali compounds may inactivate microbial cultures.
Hazardous decomposition products: None
Hazardous polymerization: Will not occur

Section 11 – Toxicological Information

Toxicity data of tests conducted gives information on Oral toxicity LD50 mg/kg –Dermal Toxicity LD 50 mg/kg Inhalation Toxicity LC 50 mg/kg

General: Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests. Handle as you would any other chemical or microbial product. Wash hands after contact.

Section 12 – Ecological Information

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY: Not expected to be harmful to aquatic organisms.

MOBILITY: High solubility is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

DEGRADABILITY: Expected to be inherently biodegradable
BIOACCUMULATION POTENTIAL: Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bio-concentration or limit bioavailability.

Section 13 – Disposal Consideration

Disposal method: Disposal of this product or its residues must be in accordance with all local, state, and federal requirements.

Section 14 – Transport Information

LAND (DOT): Not Regulated for Land Transport
LAND (TDG): Not Regulated for Land Transport
SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code
AIR (IATA): Not Regulated for Air Transport

Section 15 – Regulatory Information

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.
SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

Section 16 - OTHER INFORMATION

The information provided on the Material Safety Data Sheet is given in good faith, and is based upon research of others. This MSDS is believed to be accurate by Scienco/FAST and no known information has been omitted.

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For questions regarding this product, please contact us at 1-314-756-9300 or email at solutions@sciencofast.com.