

**Sciencofast – a division 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 Urine/Feces
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

Section 2 - Hazardous Ingredients

Contains: No hazardous components as listed in 29 CFR 1900.1000 or other pertinent sections of OSHA regulations.

Chemical Family: Microbial Formulation
Odor: Fermentation odor
Evaporation Rate: N/A
Solubility in Water: Soluble

Section 3 - Physical Data

State: Pressed powder
Boiling Point: No Data
pH: 5.5-8.0
Appearance: Yellowish-white powder
Vapor Density: N/A
Specific Gravity: 4.0- 5.5 lb./gal

Section 4 - Fire & Explosion Hazard Data

Flash point & Method: N/A
Explosion Characteristics: N/A
Extinguishing media: N/A
Special fire fighting protective equipment: None

Unusual fire and explosion hazards: None known
Ignition Temperature: N/A

Section 5 - Reactivity Data

Stability: Stable under normal conditions.
Incompatibility: (materials to avoid)
 Strong acids or alkali compounds may inactivate microbial cultures.

Hazardous decomposition products: None
Hazardous polymerization: Will not occur

Section 6 - Health Hazard Assessment

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.

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

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.

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.

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 7 - Spill or Leak Procedures

Storage: Store in a dry area between 40° F-105° F (5° C- 40° C).

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.

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

Section 8 - Special Protection Information for Workplace

TL V or suggested control value: No TL V assigned to this mixture. Control of exposure to below the TL V for the ingredients (see Section 2) 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).

Ventilation: General mechanical ventilation.

Respiratory protection (specify type): The specific respirator selected must be based on the containment levels found in the workplace. If needed, use MSHA-NIOSH approved respirator for nuisance dust.

Other protective equipment: Eyewash station in work area.

Section 9 – Other Physical Protection Information for Individual

Protective clothing: Use rubber gloves to prevent exposure to skin.

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

Section 10- Special Precautions or Other Comments

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. Keep out of reach of children!

Disclaimer

The information provided on the Material Safety Data Sheet is given in good faith, and is based upon research of others, and is believed to be accurate by Scienco/FAST.

No known relevant information has been omitted.

The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations there under.

Any other use is prohibited. Scienco/FAST assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products.

Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by Scienco/FAST, as to the product or its use or misuse.

Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.

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