

## Material Safety Data Sheet (MSDS)

MSDS Name: Biomix  
MSDS Issue Number: 02  
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Version: 01

### 1. Product Information

Product Name: Biomix  
Company Name: Avitech Animal Health Pvt. Ltd  
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Sector 18, Gurgaon-122001  
Haryana (INDIA)  
Telephone Number: (+91) 0124-4011147, 2347548  
Fax Number: (+91) 0124-4013620  
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Website : www.avitechnutrition.com

### 2. Composition / Ingredients

Ingredients: Butyric acid, Sodium salt, >=98%  
RTECS No: ET6400000  
CAS No: 156-54-7  
Formula:  $\text{CH}_3\text{CH}_2\text{CH}_2\text{COONa}$   
Molecular Weight: 111.11

### 3. Hazard Identification

#### Emergency Overview

WARNING! IRRITANT-IRRITATING TO THE SKIN, EYES AND UPPER RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.

#### Potential Health Effects

Inhalation: Causes irritation to the mucous membranes and upper respiratory tract.

Ingestion:	May cause irritation to the mouth, throat and gastro intestinal tract. May be harmful if swallowed.
Skin contact:	Causes irritation resulting in reddening, itching and inflammation.
Eye contact:	Causes irritation, redness, tearing and pain.
Chronic Exposure:	No information.

#### **4. First Aid Measures**

Inhalation:	Remove to fresh air. Get medical attention for any breathing difficulty.
Skin Contact:	In case of skin contact, flush with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before use.
Eye Contact:	Flush with copious amounts of water for atleast 15minutes.Eyelids should be held away from the eyeball to ensure through rinsing.
Ingestion:	Wash out mouth with water provided the person is conscious. Get Medical attention.

#### **5. Fire Fighting Measures**

Fire	Not expected to be fire hazard.
Extinguishing Media:	Suitable: water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Risks:	None

Protective Equipment:	Wear full protective clothing and NIOSH approved self-contained breathing apparatus with full-face piece.
Flash point:	None
Lower Explosion Limit:	Not Applicable
Upper Explosion Limit:	Not Applicable

## 6. Accidental Release Measures

Precautions:	Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill.
Clean Up:	Sweep-up, place in bag and hold for waste disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal

## 7. Handling and Storage

Handling:	Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wear appropriate gloves to prevent skin exposure. Wear chemical safety goggles. Empty Containers may contain material residue. Do not reuse.
Storage:	Keep in a tightly closed container. Store in cool dry ventilated area. Store away from oxidizers. The product is sensitive to moisture.

## 8. Physical and Chemical Properties

Physical State:	Fine powder
Colour:	White
Odour:	Unpleasant (Rancid Butter)
pH Value:	Approx. 10-11 (50g/L H <sub>2</sub> O, 25°C)
MP Range:	251.5°C

Flash point:	Not available
Density:	0.45 ± 0.1
Moisture	1-2%

## 9. Stability and Reactivity

Stability:	Stable at room temperature and under prescribed storage conditions.
Incompatibility:	Strong acids and oxidizing agents
Conditions to avoid:	Moisture and heat, HYGROSCOPIC
Hazardous Decomposition:	Carbon dioxide and carbon monoxide when heated to decomposition.
Hazardous Reactions:	None

## 10. Toxicity

Acute Toxicity to animals:	LD50 not available
Chronic effects on Humans:	Possibility of Mutagenic effects
Reproductive Hazard:	Unknown
Carcinogenicity	NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN
Ecological Data:	No information available

## 11. Disposal

Product Disposal:	Sweep-up, place in bag and hold for waste disposal. Do not allow entry into drains.
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Local legal requirements must be observed.

## 12. Transport Information

Not classified as dangerous as per legislation for transport.  
Nonhazardous for air, sea and freight.

### 13. Regulatory Information

Federal and state Regulations:	TSCA 8(b) inventory: Butyric Acid, Sodium Salt
Other Regulations:	Not available
WHMIS (Canada):	CLASS D-2B: Material causing other toxic effects (TOXIC)
DSCL (EEC):	R36/37/38- Irritating to eyes, respiratory system and skin. S24/25- Avoid contact with skin and eyes
HMIS (U.S.A):	
Health Hazard	: 2
Fire Hazard	: 1
Reactivity	: 0
Personal Protection	: E
National Fire Protection Association (U.S.A):	
Health	: 2
Flammability	: 1
Reactivity	: 2

### 14. Disclaimer

The information presented here is believed to be accurate. It pertains only to the product when stored in a sealed condition, as prescribed here. The information is given in good faith, but no warranty, express or implied, is made. Users should make their own investigations, for their specific applications and processes, to determine the suitability of the safety information mentioned here. Avitech Animal Health Pvt.Ltd will in no way be liable for any claims, losses and / or damages of any third party, or for lost profits, or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, from the use of this product.