

Material Safety Data Sheet



(Division of Titan Biotech Ltd.)

Corp. Office: A 2/3, 303-305, Lusa Tower, Azadpur, Delhi - 110033, India

Customer Care: customercare@titanbiotechltd.com

INDOLE-3-BUTYRIC ACID

Section 1: Chemical Product Identification

Product Name: INDOLE-3-BUTYRIC ACID

Product Code: 607

CAS#: 133-32-4

CI#: NA

Synonym: 3-Indolebutyric acid

Chemical Formula: NA

Section 2: Composition/Information on Ingredients

Ingredients	CAS No.	% by Weight
INDOLE-3-BUTYRIC ACID	133-32-4	100%

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Severe over-exposure can result in death.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

Material Safety Data Sheet

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Serious Skin Contact:

Not available

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Seek immediate medical attention.

Serious Ingestion: Not available

Section 5: Fire Fighting Measures

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide or chemical foam. Use agent most appropriate to extinguish fire.

Section 6: Accidental Release Measures

Procedures for Cleanup: Stop release if possible to do so safely. Contain spill, isolate hazard area, and deny entry. Sweep up or vacuum. Place contaminated material in suitable, labeled containers for final disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

Personal Precautions: Gloves and coveralls or other protective clothing are recommended for persons responding to an accidental release. Close-fitting safety goggles may be necessary in some circumstances to prevent eye contact.

Environmental Precautions: This product can pose a threat to the environment. Contamination of soil and water should be prevented. Keep spillage and runoff from storage areas from entering soil, streams or sewers.

Material Safety Data Sheet

Section 7: Handling and Storage

Precautions:

Protect from physical damage. It is good practice to keep it in container closed when not in use. Avoid generating dust and the release of dust into the workplace. Good housekeeping is important to prevent accumulations of dust. Always practice good personal hygiene. Refrain from eating, drinking, or smoking in work areas.

Storage:

Store in a cool, well ventilated area and protect direct sunlight.

Section 8: Exposure Controls/Personal Protection

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill:

Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

Exposure Effect: Not available

Section 9: Physical and Chemical Properties

Physical state :	Solid
Color:	white to yellowish
pH:	Not available
Boiling Point:	Not available
Melting Point:	124°C
Solubility:	Insoluble in cold water

Section 10: Stability and Reactivity Data

Stability: The product is stable

Section 11: Toxicological Information

Not available

Section 12: Ecological Information

Not available

Section 13: Disposal Consideration

Do not wash the material down drain. Put uncontaminated material back into the process if at all possible. Place contaminated material in suitable, labeled

Material Safety Data Sheet

containers for disposal. Dispose of waste material consistent with the requirements of waste disposal authorities.

Section 14: Transport Information

DOT Classification: Not Available

Identification: Not Available

Special Provisions for Transport: Not Available

Section 15: Regulatory Information

Federal and State Regulations: Not available

Protective Equipment: Gloves, Lab coat, Safety glasses, Dust respirator - be sure to use an approved/certified respirator or equivalent..

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

TITAN BIOTECH LTD. PROVIDES THE INFORMATION CONTAINED HEREIN IN GOOD FAITH BUT MAKES NO REPRESENTATION AS TO ITS COMPREHENSIVENESS OR ACCURACY. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF THE MATERIAL BY A PROPERLY TRAINED PERSON USING THIS PRODUCT. INDIVIDUALS RECEIVING THE INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. TITAN BIOTECH LTD. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, TITAN BIOTECH LTD WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

