

MATERIAL SAFETY DATA SHEET

SECTION 1: COMPANY IDENTIFICATION

COMPANY NAME: UBPBio, LLC
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SECTION 2: PRODUCT INFORMATION

Product Name: MG-132
Catalog No.: F1100, F1101, F1102
Molecular Weight: 475.63
CAS: 133407-82-6
Synonyms: N-Acetyl-N-methyl-L-isoleucyl-L-isoleucyl-N-[(1S)-3-methyl-1-[[[(2R)-2-methyloxiranyl]carbonyl]butyl]-L-threoninamide
Formula: $C_{26}H_{41}N_3O_5$
Intended use: Reserch use only

SECTION 3: COMPOSITION/HAZARDOUS COMPONENTS

HAZARD	CAS NO.	%WT
MG-132	133407-82-6	100%

Only items that have more than 1% of a component classified as hazardous and 0.1% of a component classified as carcinogenic are listed in this section. More information contact info@UBPBio.com.

SECTION 4: HAZARDOUS IDENTIFICATION

Classification of the substance or mixture:

This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008.

Label elements:

The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards: None

SECTION 5: FIRST AID MEASURES



EYES: Flush with water for 15 minutes. Seek medical advice if irritation persists.

SKIN: Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.

INHALATION: Remove the victim from exposure and move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Seek immediate medical attention.

INGESTION: Drink water and seek immediate medical attention. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

SECTION 6: FIRE FIGHTING MEASURES

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. May be combustible at high temperature. Emits toxic fumes under fire conditions.

Explosion Limits for Glycerol = Lower - 1.1; Upper - Not available.

Flash Point for Glycerol = 193°C; Autoignition Temperature for Glycerol = 400°C.

SECTION 7: ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Eliminate all sources of ignition. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

SECTION 8: HANDLING AND STORAGE

Provide appropriate exhaust ventilation. Keep tightly closed in a dry and well ventilated place. Store at -20°C .

SECTION 9: PERSONAL PROTECTION

Engineering Controls: Safety shower and eye wash. Mechanical exhaust.

Eye Protection: Safety goggles.

Hand Protection: Compatible resistant gloves.

Respiratory Protection: None required.

Hygiene Measure: General practice, wash (hands and skin) thoroughly after handling. Remove and wash contaminated clothing.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Appearance: yellow solid

Solubility: Soluble to 100 mM in DMSO

Decomposition Temp.: N/A

Specific Gravity: N/A

Percent Volatile: N/A

SECTION 11: STABILITY AND REACTIVITY

Reactivity:



Stable under recommended transport or storage conditions.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid:

Heat, moisture.

Incompatible materials:

Strong acids/alkalis, strong oxidising/reducing agents.

Hazardous decomposition products:

In combustion may emit toxic fumes. No known decomposition information.

SECTION 12: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

ICE-MUS TDLo: 16ug/kg

Skin corrosion/irritation

Classification criteria are not met based on available data

Serious eye damage/irritation

Classification criteria are not met based on available data

Respiratory or skin sensitization

Classification criteria are not met based on available data

Germ cell mutagenicity

Classification criteria are not met based on available data

Carcinogenicity

Classification criteria are not met based on available data

Reproductive toxicity

Classification criteria are not met based on available data

Specific target organ toxicity - single exposure

Classification criteria are not met based on available data

Specific target organ toxicity - repeated exposure

Classification criteria are not met based on available data

Aspiration hazard

Classification criteria are not met based on available data

Symptoms / Routes of exposure

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be irritation of the throat.

Skin: There may be mild irritation at the site of contact.

Eyes: There may be irritation and redness.

Delayed / Immediate Effects: No known symptoms.

Additional Information

RTECS No: OH2824610



Exposure may cause irritation to eyes, mucous membranes, upper respiratory tract and skin; Exposure may also cause the following: degenerative changes, biochemical changes - neurotransmitters or modulators To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated

SECTION 13: ECOLOGICAL INFORMATION

No information available

SECTION 14: DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

SECTION 15: TRANSPORT INFORMATION

This product is not dangerous and no special precautions are needed according to DOT, ADR/RID (cross border), IMDG and IATA/ICAO.

SECTION 16: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

Chemical safety assessment

A Chemical Safety Assessment has not been made for this product.

