



Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE SUBSTANCE

Product Name: GDC-0349
Manufacturer/Supplier: Biyu Biotech(Shanghai) Co., Ltd
No.326,Aidisheng Rd(s),Zhangjiang Hi-Tech Park,
Pudong,Shanghai,P.R.China
Tel: 813916007594
Fax:

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: GDC-0349
Synonyms:
CAS No.: 1207360-89-1
Molecular Formula: C₂₄H₃₂N₆O₃
Molecular Weight: 452.55

SECTION 3 HAZARDS IDENTIFICATION

Hazard Description: may be an irritant; may cause irritation to eyes, skin, ingestion, inhalation, mucous membranes

Information pertaining to particular dangers for man and environment:

HMIS Ratings: Health =0 Flammability =0 Reactivity =0

SECTION 4 FIRST AID MEASURES

In case of inhalation:

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek medical attention.

In case of contact with skin:

Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

In case of contact with eyes:

Immediately flush eyes with copious amounts of water for at least 15 minutes, remember to remove the contact lenses. WARM water MUST be used. Seek medical advice.

In case of ingestion:

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Seek medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

SECTION 5 FIRE-FIGHTING MEASURES

Suitable extinguishing agents: Water spray, carbon dioxide or powder.

Flammability of the Product: May be combustible at high temperature.



Auto-Ignition Temperature: N/A.

Flash Points: N/A

Flammable Limits: N/A

Products of Combustion: These products are carbon oxides (CO₂, CO)

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: As with most organic solids, fire is possible at elevated temperatures

Special Remarks on Explosion Hazards:

Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods for cleaning/collecting: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2 - 8 °C

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

General protective and hygienic measures:



Keep away from foodstuffs and beverages.

Immediately remove all contaminated clothing.

Wash hands before break and at the end of work.

Avoid contact with the eyes and skin

Respiratory protection: The respiratory protection is required when dust are generated.

Protection of hands: Protective gloves.

Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Colour: yellow

Odor: not available

Melting point/Melting range: No Data available at this time

Flash point: Not applicable

Danger of explosion: Product does not present an explosion hazard

Flammability (solid, gaseous): Product is not flammable

SECTION 10 STABILITY AND REACTIVITY

Reactivity: no data available

Stability: Stable under recommended storage conditions.

Conditions to be avoided: Air sensitive. Avoid moisture. Light.

Materials to be avoided: Strong Oxidizing agents

Dangerous reaction: No data available

Dangerous decomposition products: No data available

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity: Not thoroughly studied.

Primary irritant effect: no data available

On the skin: no data available

On the eye: no data available

Additional information: When use and handle according to the lab safety guidelines, the product does not have any harmful effects to our experience and the information provided to us

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity effects: No data available

Toxicity: No precise data available

Remark: Do not allow to enter water, waste water, or soil.



SECTION 13 DISPOSAL CONSIDERATIONS

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product

SECTION 14 TRANSPORT INFORMATION

UN/Id No: Not dangerous goods

ADR/RID Proper shipping name: Not dangerous goods

IMDG/IMO Proper shipping name: Not dangerous goods

ICA/IATA Proper shipping name: Not dangerous goods

Additional Transport Information:

Transport according to local, state, and federal regulation

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available

SECTION 16 OTHER INFORMATION

Company Policy or Disclaimer:

For research use only, not for human or veterinary clinical purpose.

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End of Safety Data Sheet