

MATERIAL SAFETY DATA SHEET

1. Chemical product and company identification

Name: N-Acetyl-D-galactosamine

CAS#: 1811-31-0

Catalog Number: BY-C001

Company Identification:

Nanjing Raise Pharmatech Co., Ltd.

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2. Hazards identification

Classification of the substance or mixture: Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements: Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS: none

3. Composition, information on ingredients

Synonyms: 2-Acetamido-2-deoxy-D-galactose

D-GalNAc

Molecular Formula: C₈H₁₅NO₆

Molecular Weight: 221.21 g/mol

CAS	Description	Purity
1811-31-0	N-Acetyl-D-galactosamine	NLT98%

4. First aid measures

Eyes: Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. Fire fighting measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressuredemand, MSHA/NIOSH (approved or equivalent), and full protective gear. During

a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 1; Flammability: 0; Instability: 0

6. Accidental release measures

General Information: Use proper personal protective equipment.

Spills/Leaks: Vacuum or sweep up material and place into suitable disposal container.

Avoid generating dusty conditions.

Environmental precautions: Do not let product enter drains.

7. Handling and storage

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.

Storage: Storage temperature: 2-4 °C and Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls, personal protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Wear appropriate respirators where necessary

9. Physical and chemical properties

Appearance	White solid
Boiling Point	No data available.
Melting Point	160 °C
Solubility	Soluble in water
Vapor Pressure	No data available.
Density	No data available.

10. Stability and reactivity

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Incompatible materials, dust generation, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon monoxide, carbon dioxide, chloride fumes.

Hazardous Polymerization: Has not been reported.

11. Toxicological information

Acute toxicity No data available Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Additional Information RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: No data available

13. Disposal considerations

Waste treatment methods:

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product

14. Transport information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

15. Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

N-Acetyl- β -D-galactosamine CAS-No. 1811-31-0

New Jersey Right To Know Components

N-Acetyl- β -D-galactosamine CAS-No. 1811-31-0

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Additional information

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.



Last Updated: 2018-11-15

