

Material Safety Data Sheet

Ribonucleic Acid

Section 1 - Chemical Product and Company Identification

MSDS Name: Ribonucleic Acid

Synonyms: Ribonucleic Acid;RNA

Description : Ribonucleic Acid extracted from yeast

Company Identification:

Nanyang Biototechnology Co.,Ltd.

No.1 Tianguan Avenue, Eco-industrial Park, Nanyang City, Henan province, China

P.C: 473000

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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	Merck Index Monograph No.
63231-63-0	Ribonucleic Acid	90%	08101
63231-63-0	Ribonucleic Acid	85%	08101

Hazardous ingredients : none

Section 3 - Hazards Identification

Hazard classification not required. However inappropriate handling may cause formation of dust. Inhalation of dust may induce sensitization and may cause allergic type reactions in sensitized individuals. The preparation is irritant to eyes. A prolonged skin contact may cause minor irritation.

Section 4 - First Aid Measures

Inhalation : Remove from exposure. If irritation or allergic response occur, consult a doctor.

Eye contact : Rinse with plenty of water for at least 15 minutes. Should irritation occur, seek medical advice.

Skin contact : Wash off with plenty of water.

Ingestion : Rinse mouth and throat thoroughly with water.

Section 5 - Fire Fighting Measures

Suitable fire extinguishing media : Product is not inflammable

Not suitable media : None

Special exposure hazards : None

Protection against fire and explosions : None

Section 6 - Accidental Release Measures

Avoid raising dust from dried preparation. Take up by mechanical means, preferably by vacuum equipped with filter. Flush remainder carefully with plenty of water. Provide for sufficient ventilation. Wash contaminated clothing.

Section 7 - Handling and Storage

Avoid formation of dust. Provide good ventilation of the room, when handling this preparation. Store container in a dry and cool place.

Section 8 - Exposure Controls, Personal Protection

Recommended personal protective equipment:

Hand protection : impermeable gloves

Eye protection : Protecting glasses

Section 9 - Physical and Chemical Properties

Appearance : Light brown powder

Odor : Odorless

pH : 2 – 3,5

Solubility : Soluble in water

Section 10 - Stability and Reactivity

The preparation is stable under normal conditions of use.

Conditions to avoid : None

Material to avoid : None

Hazardous decomposition products : None

Section 11 - Toxicological Information

Product is considered as atoxic.

Section 12 - Ecological Information

The preparation is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

Section 13 - Disposal Considerations

No special disposal method required, except to be in accordance with current local authority regulations.

Section 14 - Transport Information

UN : not applicable.

Sea : not applicable.

Road/Rail : not applicable.

Air : not applicable.

Section 15 - Regulatory Information

Labelling : Not particular indication is required.

Section 16 - Additional Information

MSDS Creation Date:31/7/2021

The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this preparation. The information in this sheet does not represent analytical specifications, for which please refer to our technical data sheet.