



Material Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifiers

Product Name

**Asparagine Proline Broth
(RDM-APB-01)**

Brand

ReadyMED®

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses

Microbial Analysis and Research, In-vitro Diagnostic laboratories clinical and non-clinical specimens & Industrial analysis

1.3 Details of the supplier of the safety data sheet

Company

CHAITANYA AGRO BIOTECH PVT. LTD.

CIN NO.: U24210MH1995PTC095220S,

S. No. 120/2, Laxmi Nagar, Umbarnala Road, Malkapur-443101,

Dist.: Buldana (M.S.) India. Customer Care +91-8208650655

rdmsales@chaitanyagroupindia.com, mkt.cabt@chaitanyagroupindia.com,

www.chaitanyagroupindia.com

1.4 Emergency telephone number

Emergency Phone#

Local Emergency Service numbers where product is being used

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Non hazardous substances

2.2 Label elements

Non hazardous substances

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.1 Mixtures

None of the component needs to be disclosed as per the applicable regulatory norms

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Consult physician with this safety data sheet

If inhaled

Move the person to fresh air; if person is unable to breath give artificial respiration and consult physician

In case of skin contact

Wash with soap and plenty of water in order to remove all contents from skin

If swallowed

Rinse mouth with water and consult physician.

4.2 Acute and delayed important symptoms and effects

No data available

4.3 Indication of any specific or immediate medical treatment needed

No data Available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known. (on burning may generate Carbon oxides, Hydrogen chloride gas, Sodium oxides)

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

Personal protective equipment

Eye/face protection

Skin protection

Body Protection

Respiratory protection

Control of environmental exposure

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance

b) pH

c) Melting point/freezing point

d) Initial boiling point and boiling range

e) Flash point

f) Evaporation rate

g) Flammability (solid, gas)

h) Upper/lower flammability or explosive limits

i) Vapour pressure

j) Vapour density

k) Relative density

l) Water solubility

m) Partition coefficient: n-octanol/water

n) Auto-ignition temperature

Use personal protective equipment as per the local authority or the firm. Avoid dust formation and breathing dust. Avoid breathing vapours, mist or gas. Ensure adequate ventilation in area of work. For personal protection see section 8.

Do not let product enter drains.

Sweep up and shovel. Keep in suitable, closed containers for disposal.

For disposal see section 13.

Normal measures for preventive fire protection. For precautions see section 2.2. & 6.1

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic, Moisture sensitive.

No other specific uses are stipulated

Components with workplace control parameters and regulations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Triple layered Surgical Face mask and Safety glasses with side-shields.

Use of proper gowning/ aprons, Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product in accordance with good laboratory practices.

Choose body protection in relation to its type, to the concentration and number of dangerous substances, and to the specific work-place

Respiratory protection is not required. Where protection from nuisance levels of dusts is desired, use triple layered surgical type or type P1

Do not let product enter drains.

Form: powder Colour: Off white

7.2 ±0.2 at 25°C

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
9.2 Other safety information	No data available
SECTION 10: Stability and reactivity	
10.1 Reactivity	No data available
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products Hazardous decomposition products formed under fire conditions.	Nature of decomposition products not known. Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas, Sodium oxides Other decomposition products - No data available In the event of fire: see section 5
SECTION 11: Toxicological information	
11.1 Information on toxicological effects	
Acute toxicity	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
Carcinogenicity IARC:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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.	
SECTION 12: Ecological information	
12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bio-accumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects	No data available
SECTION 13: Disposal considerations	
13.1 Waste treatment methods	
Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. OR Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	Dispose of as unused product.
SECTION 14: Transport information	
Type of Material	Not dangerous goods

Special precautions for user No data available
Environmental hazards No

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
International Chemical Weapons Convention (CWC) Neither Banned nor Restricted
Schedules of Toxic Chemicals and Precursors
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Neither Banned nor Restricted
Listed substance / Sunset Date After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.
15.2 Chemical safety assessment For this product a chemical safety assessment was not carried out

Section 16: Other Information

The information contained in the safety data sheet is to the best of our knowledge is accurate and true based on the research and development work carried out by ReadyMED, Chaitanya Agro Biotech, Malkapur, Maharashtra. The products are neither intended for any therapeutic use for animal or human nor for any other in-vivo applications. The ReadyMED products are only meant to be used for the laboratory, diagnostic, research, or further manufacturing purpose only. These technical outcomes should not be considered as the warranty of any kind expressed or implied, and no liability is accepted for infringement of any patent.



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