

**RAKIRO BIOTECH SYSTEMS PVT LTD**

R-466, TTC Industrial Area, MIDC

Rabale, Navi Mumbai - 400701

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Email :- sales@rakiro.net

Doc No : MSDSBS112**Date :** 01-04-2025**Type :** BACTASLYDE**Product Code :** BS112

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

PRODUCT NAME : BACTASLYDE

PRODUCT CODE : BS112

Application : For Detection of Escherichia coli and Total Bacterial Count from 10^2 to 10^7 CFU/ml**2 INFORMATION ON INGREDIENTS AND TOXICITY DATA**

Each Unit contains 4 Gms of Microbial Media Layered on Plastic Slide fitted in Plastic Container and packed in Plastic Pouch.

Each pack contains 5 units alongwith an Inpack leaflet , density chart & stickers labels.

Pack Dimensions (Weight) :- 350 X 190 X 255 MM (3.5 KG)

Ingredients of Formulated Microbial Media

Name of Chemical	Cas No	% in Formulation
Water	7732-18-5	95.50%
Agar	9002-18-0	2.00%
Peptone	91079-46-8	1.50%
Yeast Extract	02-01-8013	0.25%
Dextrose	50-99-7	0.50%
Sodium Chloride	7647-14-5	0.25%
Food Colour	NA	0.01%

3 HAZARDS IDENTIFICATION

Non Hazardous / Non Flammable / Non Toxic.

4 FIRST AID MEASURES

Since there are no hazardous or toxicity implications, first aid measures are not required.

5 FIRE FIGHTING MEASURES

Since product is not inflammable so fire fighting measures are not required.

6 ACCIDENTAL RELEASE MEASURES

Since product is non hazardous, non toxic and non inflammable, specific precautions are not required.

7 HANDLING AND STORAGE

Handling : Since product is non hazardous, non toxic and non inflammable,
specific Precautions are not required.

Storage : Store at room temperature, protected from heat, light and draught.
Should Not be refrigerated or frozen.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Since product is not hazardous, non toxic and non inflammable, specific precautions are not required.

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9 PHYSICAL & CHEMICAL PROPERTIES

Physical State: Solid

Odour: Oduourless

Melting Point: Not Determined

Freezing Point: Not Determined

Boiling Point: No Applicable

Flammability: Not Combustible

Explosive Limit: Not Applicable

Flash Point: Not Applicable

Oxidising Properties: None

Stability: At room Temperature

10 STABILITY & REACTIVITY

Stable under normal storage conditions.

11 TOXICOLOGICAL INFORMATION

Since the product is not toxic at used level, no such tests have been carried out.

12 ECOLOGICAL INFORMATION

AQUATIC TOXICOLOGY - No Data Available.

BIODEGRADATION - No Data Available.

13 DISPOSAL CONSIDERATIONS

Dispose the used Bactaslyde using pressure cooker or autoclave. If autoclave is not available any disinfectant like Dettol, Savlon or domestic floor cleaner etc. can be used.

14 TRANSPORT INFORMATION

Non Dangerous / Non Hazardous / Non Toxic / Non Inflamable / Not Regulated as per IATA / IMDG

15 REGULATORY INFORMATION

Consult state and local regulatory authorities.

16 OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. Rakiro Biotech assumes no responsibility for injury to customers or third persons caused by the material, if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee expressed or implied is made by Rakiro Biotech as to effect of such use, the results to be obtained, others safety and toxicity of the products, nor Rakiro Biotech assumes any liability arises out of use/misuse by others of the product referred to herein.

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