

**ABC Trade & Investments (Pvt) Ltd.**

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Doc No :	MSDS-BS-101
Rev No :	0
Product :	BACTASLYDE
Product Code :	BS-101

MATERIAL SAFETY DATA SHEET

1	<u>PRODUCT IDENTIFICATION AND INFORMATION</u> PRODUCT NAME : BACTASLYDE PRODUCT CODE : BS 101 Reagent Application Area : For Detection of Yeasts & Fungi and Total Bacterial Count
2	<u>INFORMATION ON INGREDIENTS AND TOXICITY DATA</u> Nutrients for microbial detection such as Agar, Dextrose, Peptone, Mineral salts etc are blended together in sterile condition. These media are then coated on two sides of a slide. Quantity per slide- 4 gm Ingredients : Water- 95.5% , Agar-2.0%, Peptone-1.5%, Yeast Extract -0.5%, Dextrose - 0.25%, Sodium Chloride - 0.25%, Food colour - 0.004%. Side 1 : Yellow colored medium meant for detection of TBC (Total Bacterial Count) Side 2 : Pink coloured selective medium meant for detection of Yeasts and Fungi species. One test unit comprises of the following:- The slide is fitted inside a cap, which fits snugly on a transparent plastic container. This is now sealed in a plastic bag. All the components are sterile. This sealed container is packed in a thick sheet of expanded polyethylene, which protects the contents during storage and transport. PACKING : One pack contains 100 units alongwith an Inpack leaflet , density chart & sheet of stickers labels. PACKING : One pack contains 5 units alongwith an Inpack leaflet , density chart & sheet of stickers labels. WEIGHT : One Pack weighs approx. =180 gms. OVERALL DIMENSIONS : Stack Length 250 , Width 50 , Height 122 mm PERFORMANCE : Able to estimate bacterial density from 10^2 to 10^7 CFU / ml Able to estimate Yeasts density from 10^2 to 10^7 CFU / ml Able to estimate Fungi density from low to high.
3	<u>HAZARDS IDENTIFICATION</u> Non Hazardous / Non Flammable / Non Toxic.
4	<u>FIRST AID MEASURES</u> Since there are no hazardous or toxicity implications, first aid measures are not required.
5	<u>FIRE FIGHTING MEASURES</u> Since product is not inflammable so no fire fighting measures are required.
6	<u>ACCIDENTAL RELEASE MEASURES</u> Since product is non hazardous, non toxic and non inflammable, Specific precautions are not required.
7	<u>HANDLING AND STORAGE</u> 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	<u>EXPOSURE CONTROLS / PERSONAL PROTECTION</u> Since product is not hazardous, non toxic and non inflammable, specific precautions are not required.

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9	<u>PHYSICAL & CHEMICAL PROPERTIES</u> Refer '2' Composition / information on ingredients.
10	<u>STABILITY & REACTIVITY</u> Stable under normal storage conditions.
11	<u>TOXICOLOGICAL INFORMATION</u> Since the product is not toxic at use level, no such tests have been carried out.
12	<u>ECOLOGICAL INFORMATION</u> AQUATIC TOXICOLOGY - No Data Available. BIODEGRADATION - No Data Available.
13	<u>DISPOSAL CONSIDERATIONS</u> 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	<u>TRANSPORT INFORMATION</u> Since product is non hazardous, non toxic, non inflammable. Unusual precautions are not required.
15	<u>REGULATORY INFORMATION</u> Consult state and local regulatory authorities.
16	<u>OTHER INFORMATION</u> <p>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.</p> <p>Information proved herein is provided by Rakiro Biotech solely for customers' assistance in implying with the occupational Safety & Health Act Regulations there under. Any other use is prohibited.</p>